

984

National
Institute of
Dental
Research

Fiscal
Year
1984
Funds

U.S. DEPARTMENT
OF HEALTH
AND HUMAN
SERVICES

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Programs



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**National
Institute of
Dental
Research**

**Fiscal
Year
1984
Funds
Grants,
Awards,
Contracts,
and
Intramural
Projects**

**U.S. DEPARTMENT
OF HEALTH
AND HUMAN
SERVICES**

**Public
Health
Service
National
Institutes
of Health
Bethesda
Maryland
20205**

Programs





Синтез

Людмила
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Михайлов

FOREWORD

This report provides data on the National Institute of Dental Research (NIDR) extramural research grants, training grants and awards, research contracts and interagency agreements and all intramural research projects that were active in Fiscal Year 1984.

Authorized by an act of Congress in 1948, NIDR has helped significantly to shape the course of dental research. Institute-supported scientists in 177 institutions throughout the Nation and the world engage in basic laboratory investigations, clinical and applied research, and epidemiological and field studies, directed toward ultimate eradication of a broad array of oral-facial disorders. Research supported by NIDR encompasses nearly the whole range of life and physical sciences.

The Institute's Extramural Program comprise three categorical branches which support a wide spectrum of research that includes not only laboratory investigations on the basic causes of oral diseases, but also clinical trials of new methods of treatment and prevention. This broad array of scientific activity is funded by a variety of awards ranging in size from small feasibility grants to regular grants to large center grants with budgets over one million dollars per year.

The three branches, which support research and research training related to the etiology, pathogenesis, diagnosis, treatment and prevention are the Periodontal and Soft Tissue Diseases Branch; the Craniofacial Anomalies, Pain Control and Behavioral Research Branch; and the Caries and Restorative Materials Research Branch.

In 1967, Congress specially authorized the establishment of dental research institutes and centers (DRIC's) in university environments to foster interdisciplinary approaches to the complex problem of oral diseases and disorders. In later years, six more center grants were awarded -- three for research on periodontal disease and three for research on dental caries. The centers have successfully attracted investigators from branches of science not previously engaged in dental research, and serve as significant parts of the outreach of NIDR in advancing targeted programs directed toward control and ultimate elimination of oral diseases.

The Institute conducts an Intramural Research program at the National Institutes of Health to generate new knowledge and concepts regarding the development and course of oral diseases and means to alleviate and prevent them.

Research in dentistry utilizes such a variety of specialized professional skills not commonly available that it has been important for NIDR to encourage and support training and fellowship programs in many scientific fields which emphasize oral structure and function, in an effort to develop, increase, and maintain the manpower supply.

This report is intended to reflect and analyze the direction and vitality of the Institute's various programs.

NOTE

CHART AND TABLE NUMBERS CONFORM

TO THOSE IN PRIOR ISSUES OF THE

PROGRAMS PUBLICATION AND MAY NOT

BE CONTIGUOUS. SEE INTRODUCTION

FOR EXPLANATION.

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INTRODUCTION

This report provides data on the National Institute of Dental Research (NIDR) extramural research grants, training grants and awards, research contracts and interagency agreements, and all intramural research projects active in FY 1984. Active projects are defined for the purpose of this report as those with beginning or ending dates within or surrounding the fiscal year, October 1 to September 30. Funds for research management and program services are not included in this report.

A total of 922 projects are included in this report: 664 grants; 22 research contracts; 105 intramural research projects; 43 institutional fellowships; 61 individual fellowships; and 27 research career program awards.

Basically, the report consists of 39 tables of data which are divided into 8 parts:

- Part I All NIDR Programs - Charts & Tables
- Part II Caries & Restorative Materials
- Part III Periodontal & Soft Tissue Diseases
- Part IV Craniofacial Anomalies, Pain Control & Behavioral Research
- Part V Multicategorical Centers
- Part VI Manpower Development & Training
- Part VII Dental Research Institutes & Centers
- Part VIII Indexes

Part I provides an overview of all NIDR programs. Parts II thru VI include tables of data for each of the categorical extramural programs mentioned above. Part VII gives details on all the Dental Research Institutes and Centers. Part VIII includes 12 indexes which give the salient characteristics of each of the extramural grants, awards, research contracts, and intramural research projects included in this report.

The realignment of programs and the elimination of seldom used material has reduced the number of charts and tables in this publication. For the convenience of historical searches through prior issues, the chart and table numbers have been retained even though they do not run in a contiguous manner. Questions concerning this report should be addressed to the Chief, Research Data and Management Information Section, National Institute of Dental Research, National Institutes of Health, Bethesda, Maryland 20205.

Section 3. *Section 3. Section 3. Section 3.*

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PART I
ALL NIDR PROGRAMS

NOTE: Part I includes summary tables on all NIDR grants, awards, research contracts, and intramural projects.

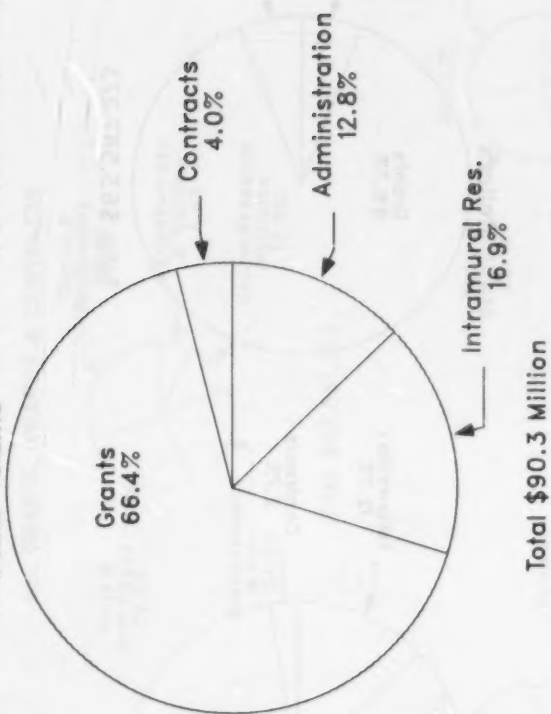
NOTE: This document contains information that is exempt from public release under the Freedom of Information Act, 5 U.S.C. 552.

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED

Chart 1

NIDR Obligations - FY 1984

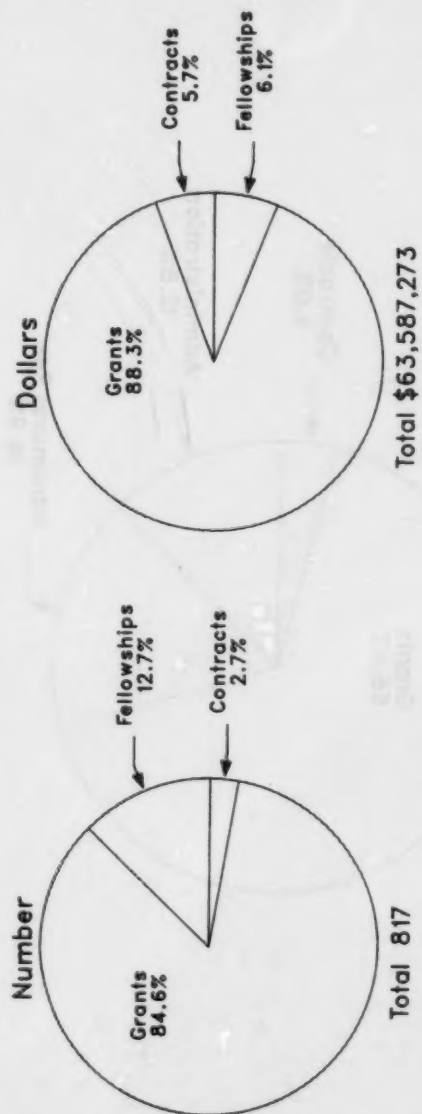
Dollar Volume



NOTE: Grants include \$60.0 million in Research Grants, Fellowships (Individual & Institutional) and Research Career Program Awards, \$15.2 million for Intramural Research, \$3.6 million for Contracts and Interagency Agreements and \$11.5 million for NIDR professional and clerical salaries and other costs incidental to administering the extramural and intramural programs.

SOURCE: Table 1 and Budget Office, NIDR.

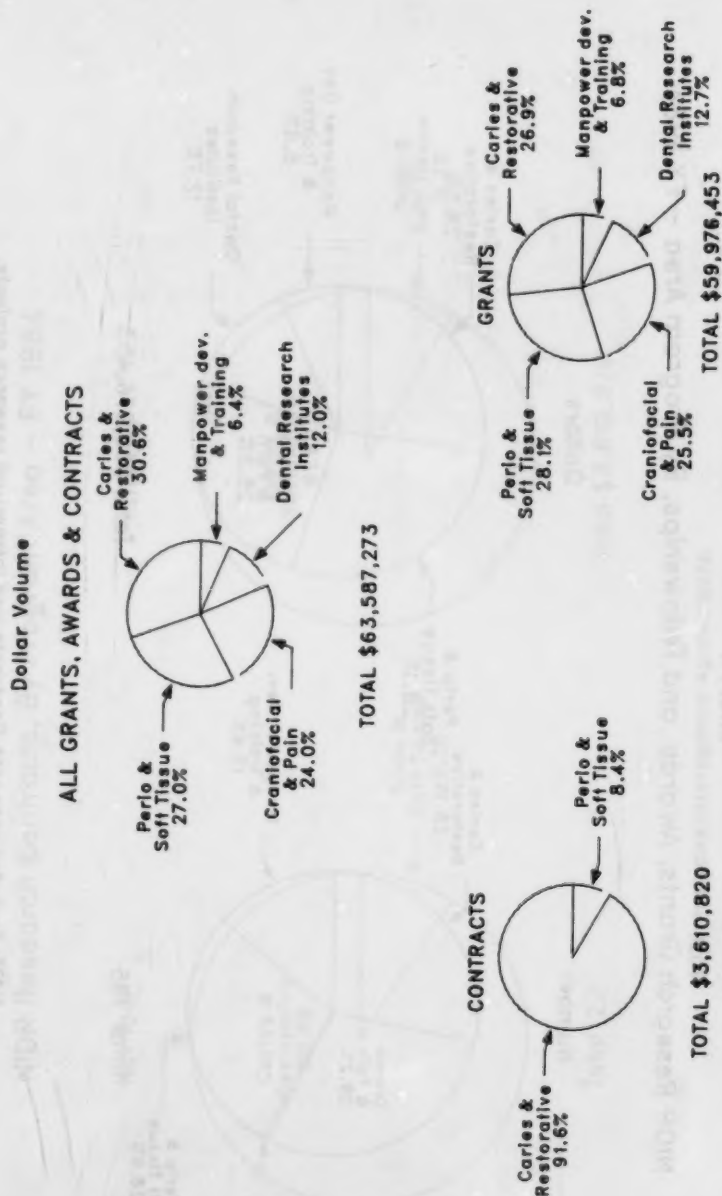
Chart 2
NIDR Extramural Support, By Mechanism - FY 1984



NOTE: GRANTS Include Dental Research Institutes and Centers grants, and Research Career Program Awards. CONTRACTS Include Interagency Agreements. FELLOWSHIPS Include Institutional and Individual awards. Does not include Intramural research projects.

SOURCE: Table 1

Chart 3
NIDR Research Grants, Awards, & Research Contracts
By Extramural Program Area - FY 1984

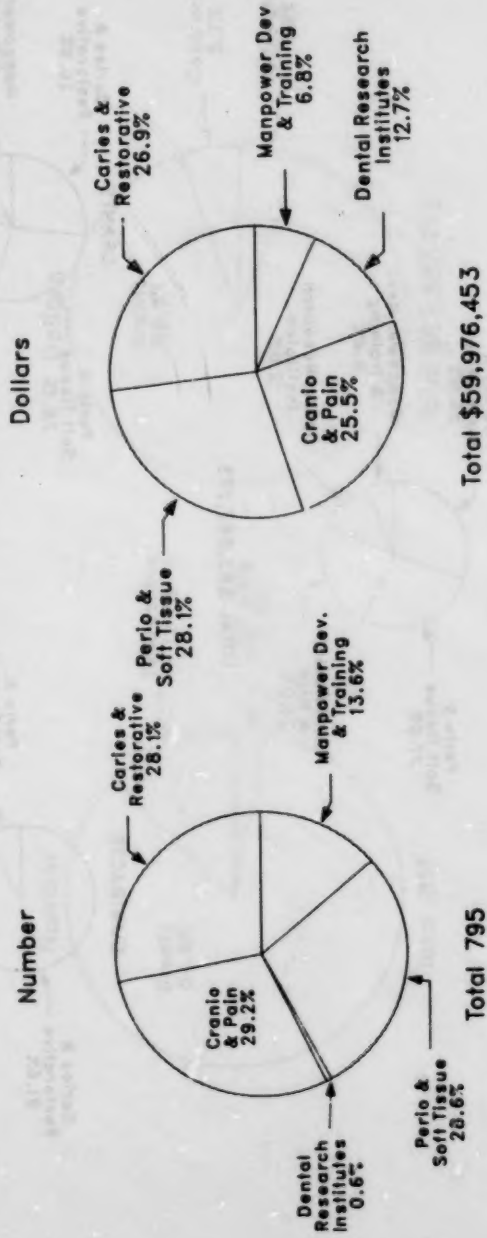


NOTE: Grants include Dental Research Institutes and Centers grants, and Research Career Program Awards. Contracts include Interagency Agreements.

SOURCE: Table 2

Chart 4

NIDR Research Grants, Awards and Fellowships, By Program Area - FY 1984

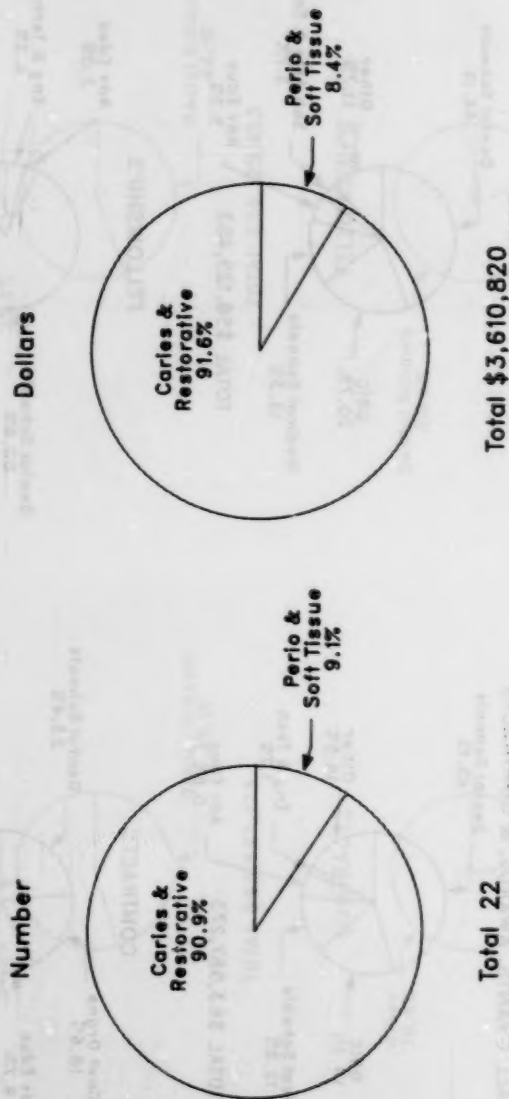


NOTE: Excludes research Contracts and Intramural research projects.

SOURCE: Table 2

Chart 5

NIDR Research Contracts, By Program Area - FY 1984



NOTE: Includes Interagency Agreements.

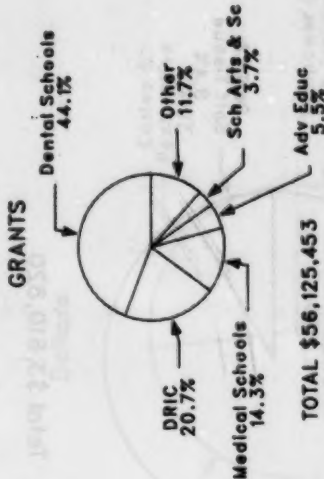
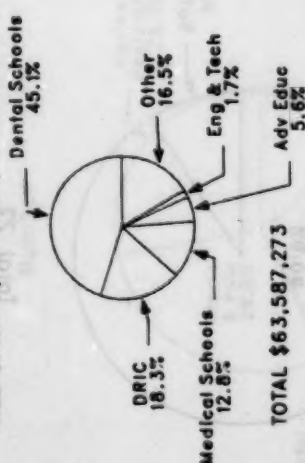
SOURCE: Table 2

Chart 7

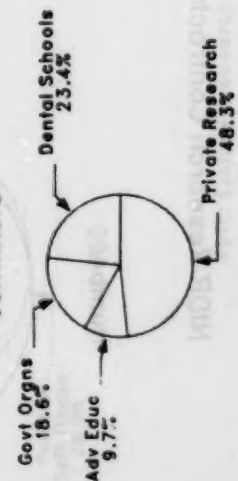
NIDR Grants, Awards and Contracts, By Kind of Performing Institution - FY 1984

Dollar Volume

ALL GRANTS, AWARDS, & CONTRACTS



CONTRACTS



FELLOWSHIPS



NOTE: Grants include Dental Research Institutes and Centers grants, and Research Career Program Awards. Contracts include interagency agreements. Fellowships include institutional and individual awards. Does not include intramural research projects.

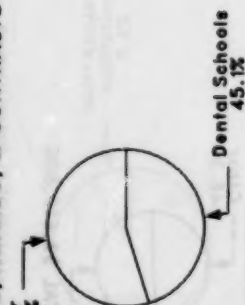
SOURCE: Table 4

Chart 8

Comparison of NIDR Grants, Awards and Contracts to Dental Schools With Those to Other Institutions - FY 1984

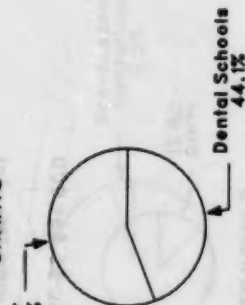
Dollar Volume

ALL GRANTS, AWARDS, & CONTRACTS



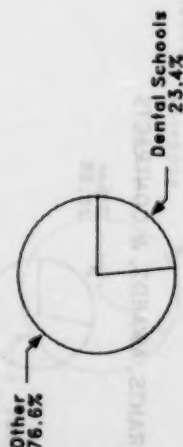
TOTAL \$63,587,273

GRANTS



TOTAL \$56,125,453

CONTRACTS



TOTAL \$3,610,820

FELLOWSHIPS



TOTAL \$3,851,000

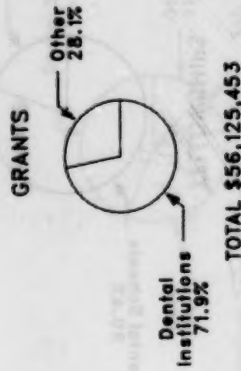
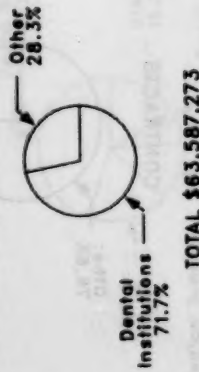
NOTE: Grants include Dental Research Institutes and Centers grants, and Research Career Program Awards. Contracts include Interagency Agreements. Fellowships include Institutional and Individual awards. Does not include Intramural Research projects.

SOURCE: Table 4, Chart 7

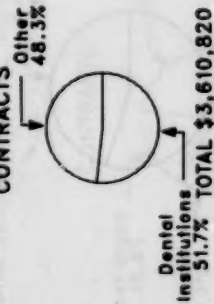
Chart 9
Comparison of NIDR Grants, Awards and Contracts to Dental Institutions*
With Those to Other Institutions - FY 1984

Dollar Volume

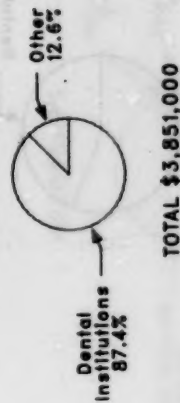
ALL GRANTS, AWARDS, & CONTRACTS



CONTRACTS



FELLOWSHIPS



*Dental Institutions include U.S. and foreign dental schools, NIDR Dental Research Institutes and Centers, advanced education institutions (dental), dental organizations and dental programs of the U.S. Government. For details, see Table 5.

NOTE: Grants include Dental Research Institutes and Centers grants, and Research Career Program Awards. Contracts include Interagency Agreements. Fellowships include Institutional and Individual awards. Does not include Intramural Research projects.

Chart 10
Comparison of NIDR Grants, Awards and Contracts to Academic
Institutions With Those to Non-Academic Institutions - FY 1984

Dollar Volume

ALL GRANTS, AWARDS, & CONTRACTS

GRANTS



TOTAL \$63,587,273



TOTAL \$56,125,453

CONTRACTS

Non-Academic
Institutions
66.9%



TOTAL \$3,610,820

FELLOWSHIPS

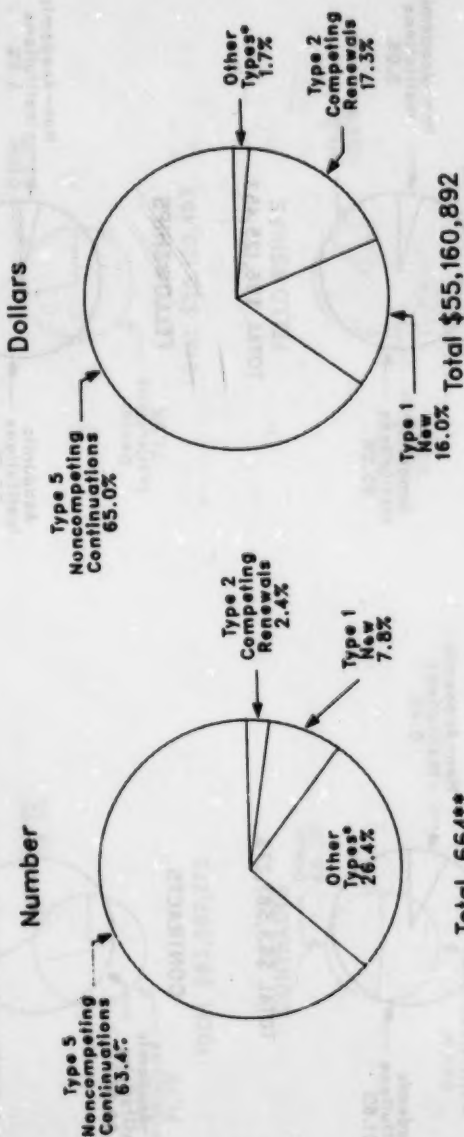


TOTAL \$3,851,000

NOTE: Grants include Dental Research Institutes and Centers grants, and Research Career Program Awards. Contracts include Interagency Agreements, Fellowships include Institutional and individual awards. Does not include Intramural Research projects.

SOURCE: Table 4

Chart 11
NIDR Research Grants, By Type of Application - FY 1984

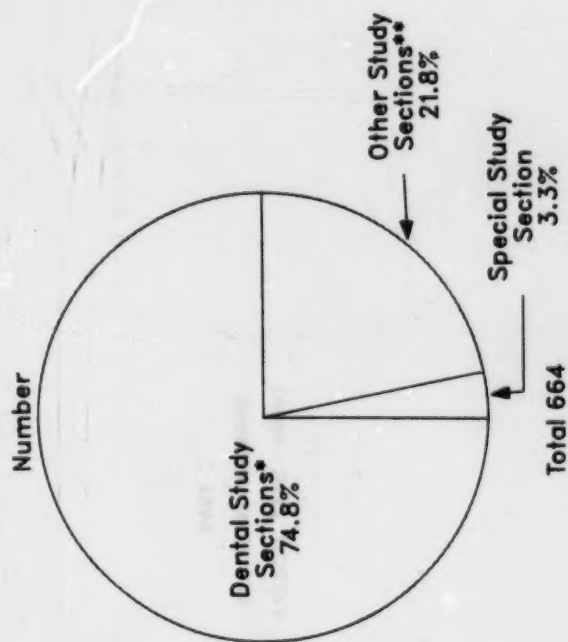


NOTE: Excludes Research Career Program Awards.

* Includes Supplements (Type 3) and Changes of Grantee, Institute or Division (Types 7 and 9).

**Includes all active research grants.

Chart 12
NIDR Research Grants, By Initial Review Group - FY 1984



NOTE: Excludes Research Career Program Awards.

* Includes Review Groups (DSR, & OBM).

** Includes 36 Review Groups.

SOURCE: Table 16

Page 12
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Example of a typical
 a typical airmen plane (type 3) can be
 used for various purposes (e.g. for the
 1984



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TABLE 1. SUMMARY OF NIDR GRANTS, AWARDS, RESEARCH CONTRACTS, AND INTRAMURAL RESEARCH PROJECTS, BY YEAR

Year	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	Total
Grants	10	12	15	18	20	22	25	28	30	32	35	212
Awards	5	8	10	12	15	18	20	22	25	28	30	173
Research Contracts	3	5	7	9	11	13	15	17	19	21	23	138
Intramural Research Projects	2	3	4	5	6	7	8	9	10	11	12	85
Total	20	28	36	45	52	60	68	76	84	92	100	508

PART I
ALL NIDR PROGRAMS
(FISCAL YEAR 1984)

NOTE: Part I includes summary tables on all NIDR grants, awards, research contracts, and intramural research projects.

TOTAL NIDR

Mechanism	Grants, Awards, Contracts, and Intramural Projects FY 1984 Funds \$x			Prior Year Award Obligations			Active Grants, Awards and Contracts not Funded FY 1984			TOTAL Active Grants, Awards, Contracts, and Intramural Projects During FY84		
	No.	\$x	Dollars	No.	\$x	Dollars	No.	\$x	Dollars	No.	\$x	Dollars
801 Research Projects (Traditional)	320	45	35,258,576	44	1	115	115	32	436	7	7	100
803 Small Research Grants	68	9	1,024,981	0	0	268,950	0	7	14	81	6	100
809 Scientific Evaluation	1	1	268,950	0	0	268,950	0	7	14	81	6	100
813 Conferences (Traditional)	7	1	119,746	0	0	119,746	0	7	14	81	6	100
823 New Investigator Research Awards	53	7	2,565,067	3	0	185,263	0	2	6	1	1	10
843 Small Business Grants (Phase I)	4	0	185,263	0	0	247,553	0	2	6	1	1	10
844 Small Business Grants (Phase II)	4	0	247,553	0	0	3,878,251	4	10	11	11	11	664
P81 Research Program Projects	10	1	3,878,251	4	1	11,612,505	14	2	186	186	186	664
P88 Dental Research Institute Program	11	1	11,612,505	14	2	55,160,892	64	2	186	186	186	664
RESEARCH GRANTS- Total	475	67	55,160,892	64	2	55,160,892	64	2	186	186	186	664
Y81 ERM Interagency Agreements	3	0	670,011	0	0	670,011	0	2	5	5	5	5
801 Research and Development Contracts	15	1	2,940,809	3	5	2,940,809	3	4	17	17	17	22
RESEARCH CONTRACTS- Total	16	2	3,610,820	4	4	3,610,820	4	6	22	22	22	22
Z81 Intramural	105	15	15,223,846	19	3	15,223,846	19	3	105	105	105	105
INTRAMURAL RESEARCH PROJECTS- Total	105	15	15,223,846	19	3	15,223,846	19	3	105	105	105	105
T32 Institutional Mat. Res. Service	26	3	2,805,806	3	3	2,805,806	3	3	26	26	26	26
T35 MSCA Short Term Research Training	17	2	230,194	0	0	230,194	0	1	17	17	17	17
GRADUATE TRAINING GRANTS- Total	43	6	3,036,000	3	3	3,036,000	3	4	43	43	43	43
F32 Postdoc. Indiv. Mat. Res. Award	35	5	689,346	0	0	689,346	0	13	56	56	56	56
F33 MSCA for Senior Fellows	1	0	97,654	0	0	97,654	0	1	4	4	4	4
F34 NRC MSCA Faculty Fellowships	1	0	28,000	0	0	28,000	0	1	4	4	4	4
FELLOWSHIPS- Total	37	5	815,000	1	1	815,000	1	13	61	61	61	61
K84 Modified Res. Career Dev. Award	19	2	754,272	0	0	754,272	0	3	22	22	22	22
K86 Research Career Award	0	0	0	0	0	0	0	1	1	1	1	1
K11 Physician Scientist Award (Indiv)	4	0	210,289	0	0	210,289	0	1	4	4	4	4
RESEARCH CAREER PROGRAM AWARDS- Total	23	3	964,561	1	1	964,561	1	4	27	27	27	27
GRAND TOTAL	699	100	78,811,119	100	2	78,811,119	100	209	922	922	922	922

Column 1: Supplements to grants or awards are not counted as grants or awards.

Column 2: Funds awarded for Supplements are included in these dollars even though the Supplements are not counted in Column 1.

Column 3: In order to account for all active grants in FY 1984, a supplement or award made in a prior year for which there is no parent grant or award in FY 1984 is counted as a grant or award and referred to as a Prior Year Award Obligation.

Column 4: Column 7 is a total of columns 1, 5, and 6.

Column 5: Details may not add to total because of rounding. A percentage figure of zero indicates that there is a value between one and zero.

Column 6: Totals do not include \$38,524 funded through the Division of Research Resources Minority Biomedical Support Program, and a \$4,999 Cooperative Agreement with the National Library of Medicine.

TABLE 2.-- GRANTS, AWARDS, RESEARCH CONTRACTS, AND INTRAMURAL RESEARCH PROJECTS, BY PROGRAM AREA, FY 1984

Total NIDR - Dollar Volume

TOTAL	Research Grants		Dental Res. Inst./Cen. Projects		Research Contracts		Intramural Projects		Graduate Training Grants		Fellowships		Research Career Pro-gram Awards			
	No. Dollars	No. Dollars	No. Dollars	No. Dollars	No. Dollars	No. Dollars	No. Dollars	No. Dollars	No. Dollars	No. Dollars	No. Dollars	No. Dollars	No. Dollars	No. Dollars		
Progras																
Caries & Restorative	243	19,459,541	215	14,695,840	3	1,291,667	20	3,307,688	0	0	0	0	0	5	164,346	
Periodontal & Soft Tissue	229	17,185,881	215	13,875,604	3	2,721,838	2	303,132	0	0	0	0	0	9	285,307	
Craniofacial & Pain Control	232	15,281,562	223	14,976,943	0	0	0	0	0	0	0	0	0	9	304,619	
Dental Res. Inst./Cen.	5	7,599,000	0	0	5	7,599,000	0	0	0	0	0	0	0	0	0	
Manpower Dev. & Training	108	4,061,289	0	0	0	0	0	0	0	43	3,036,000	61	815,000	4	210,289	
Intramural	105	15,223,846	0	0	0	0	0	0	105	15,223,846	0	0	0	0	0	
TOTAL	922	78,811,119	653	43,548,387	11	11,612,505	22	3,610,820	105	15,223,846	43	3,036,000	61	815,000	27	964,561

xxTotals do not include \$ 38,524 funded through the Division of Research Resources Minority Biomedical Support Program , and a \$4,999 Cooperative Agreement with the National Library of Medicine.

TABLE 3.-- FUNDS FOR RESEARCH GRANTS, RESEARCH CONTRACTS, AND INTRAMURAL RESEARCH PROJECTS, BY SUBJECT, FY 1984

Caries				
Subject	TOTAL	Research Grants	DRIC Projects	Research Contracts
Epidemiology				
Identification of Microorganisms	153,304		21,907	131,397
Distribution and Transmissibility of Microorganisms	542,356	123,053	84,415	189,628
Effect of Salivary Dysfunction on Oral Microorgs.	55,904		55,904	
General	1,823,880	167,398		1,499,500
Total	2,575,244	290,451	162,226	1,644,760
Etiology				
Tooth Structure & Composition	1,971,557	1,642,336		
Tooth Surface Reactions	1,371,205	802,232	82,685	246,536
Plaque	447,898	306,236	566,973	
Extracellular Polysaccharides	1,033,070	648,815	120,254	21,408
Microorganisms	2,626,679	2,163,229	94,588	289,667
Salivary Factors	1,847,483	1,399,713	394,836	68,614
Diet	450,505	1,200,245	383,957	65,813
Microbial Fermentation	779,633	360,332	159,011	73,722
Miscellaneous	403,444	243,099	46,771	372,530
Total	10,931,474	7,766,237	2,011,420	1,142,290
Pathology				
Total	268,226		74,592	193,634
Diagnosis & Treatment	268,226		74,592	193,634
Total	167,399		63,723	103,676
Prevention				
Diet	231,769	33,064		109,310
Salivary Factors	58,252	58,252		28,505
Cost/Benefit Analysis	43,784	15,279		108,652
Clinical Trials, General	108,652			80,034
Antibacterial	657,336	157,991	358,630	60,681
Enamel Sealants & Surface Modifiers	287,463	195,168		12,261
Fluoride, Topical	231,755	74,843	32,005	80,834
Fluoride, Ingested	1,164,193	796,132	75,057	76,487
Other Trace Minerals	598,211	273,884	56,438	205,807
Immunization	151,788	96,207		160,917
Total	1,367,451	805,286	112,964	431,397
CARIES	4,900,654	2,506,106	770,543	867,550
	18,842,997	10,562,794	3,082,504	2,412,742

NIH Dental Research Institute and Center Projects (P50'S).
Total does not include R09 (Scientific Evaluation) projects.

TABLE 3.-- FUNDS FOR RESEARCH GRANTS, RESEARCH CONTRACTS, AND INTRAMURAL RESEARCH PROJECTS, BY SUBJECT, FY 1984

Periodontal Diseases				
Subject	TOTAL	Research Grants	DRIC Projects*	Research Contracts Intramural Projects
Etiology	64,661	64,661		
Plaque	2,781,495	861,659	1,215,273	629,010
Identification, Ecology	763,732	247,450	213,677	302,605
Chemistry & Metabolism, Organisms	327,448	327,448		
Chemistry & Metabolism, Cell Products	694,644	363,703		330,941
Adhesion	480,018	374,775	105,243	
Toxic Activity	108,898		108,898	
Miscellaneous Etiological Factors	1,569,270		948,275	620,995
Connective Tissue Structure & Function	6,790,166	2,239,696	2,591,366	1,885,551
Total				
Pathology	50,520	420,848	486,268	50,520
Inflammatory Response - Crevicular Fluid	1,095,074		130,050	169,958
Inflammatory Response - Chemotactic Factors	130,050			
Inflammatory Response - Vascular Effects	3,745,842	1,347,884	1,612,939	785,019
Inflammatory Response - Immune Response	740,776	273,073	33,071	436,632
Inflammatory Response - General	235,435	136,303		117,132
Tissue Destruction & Healing - Epithelial Integrity	299,460	35,646	241,121	22,693
Tissue Destruction & Healing - Collagen Metabolism	1,919,212	1,138,554	462,239	318,419
Tissue Destruction & Healing - Ground Subst. Metab.	447,143		184,141	263,002
Tissue Destruction & Healing - Bone Metabolism	2,136,046	1,312,857	493,422	327,767
Tissue Destruction & Healing - Enzyme Actions	397,255	113,728		283,497
Tissue Destruction & Healing - General	746,950	697,724		51,226
Tissue Destruction & Healing - Miscellaneous	131,081	101,484		29,597
Total	12,092,844	5,578,151	3,641,251	2,873,462
Diagnosis & Treatment				
	2,617,730	1,519,882	739,388	207,354
Total	2,617,730	1,519,882	739,388	207,354
Prevention	124,914	124,914		
Plaque - Oral Hygiene	75,553			
Plaque - Chemotherapeutic	236,448	142,995	93,453	43,645
Plaque - Biological Inhibition	43,645			25,327
Inflammation - Chemotherapeutic	48,890			22,693
Inflammation - Physiological	92,783			95,972
Connect. Tiss. Metab. - Stimulators of Biosynthesis	304,853	208,881		
Connect. Tiss. Metab. - Inhibitors of Degradation	124,869	124,869		
Total	1,051,955	601,659	186,906	187,837
PERIODONTAL DISEASES	22,552,695	9,939,368	7,158,911	5,152,264

*Kall Dental Research Institute and Center Projects (P50'S).
Total does not include R09 (Scientific Evaluation) projects.

TABLE 3.-- FUNDS FOR RESEARCH GRANTS, RESEARCH CONTRACTS, AND INTRAMURAL RESEARCH PROJECTS, BY SUBJECT, FY 1984

Soft Tissue Diseases

Subject	TOTAL	Research Grants	DMIC Projects	Research Contracts	Intramural Projects
Herpes Simplex Virus Infections					
Etiology	454,266	56,028	229,316	919	167,943
Pathology	205,734	149,753			55,981
Diagnosis & Treatment	223,153	58,363			166,790
Prevention	219,768	23,835			195,933
Total	1,102,861	287,979	229,316	919	584,647
Aphthous Ulcers & Mucocutaneous Disorders					
Etiology	90,590	90,590			
Pathology	183,664	183,664			
Diagnosis & Treatment	124,707	91,177			
Total	398,961	365,431	33,530		
Tumors of Oral Mucosa & Connective Tissues					
Epidemiology	2,701				2,701
Etiology	265,897	265,897			
Pathology	335,362	244,589			90,773
Diagnosis & Treatment	134,199	27,194			107,005
Total	738,159	557,680			200,479
Tumors & Other Diseases of Salivary Glands					
Epidemiology	212,830	187,163			25,667
Etiology	379,232	257,232	93,709		28,300
Pathology	276,010	242,105	33,905		
Diagnosis & Treatment	150,588		78,236		72,352
Prevention	289,983	269,983			
Total	1,288,643	956,483	205,841		126,319
Dental Pulp Studies					
Etiology	26,394	26,394			
Pathology	254,377	254,377			
Total	280,771	280,771			
Other Soft Tissue Diseases					
Etiology	814,878				814,878
Etiology. Basic Studies Of Oral Soft Tissues	539,814	539,814			
Etiology. Basic Studies Of Salivary Glands	1,418,890	625,387			793,503
Etiology. Basic Studies Of Salivary Secretions	1,064,025	706,464			357,561
Pathology	769,259	141,243			628,016
Diagnosis And Treatment	49,677				49,677
Prevention	125,575				125,575
Total	4,782,108	2,012,908			2,769,200
Mineralization Disorders					
Etiology. Basic Studies Of Teeth and Bone	809,602	564,444			245,158
Etiology. Fluoride Studies, Other	264,888	264,888			

ALL Dental Research Institute and Center Projects (P50'S).
Total does not include R09 (Scientific Evaluation) projects.

TABLE 3.-- FUNDS FOR RESEARCH GRANTS, RESEARCH CONTRACTS, AND INTRAMURAL RESEARCH PROJECTS, BY SUBJECT, FY 1984

Soft Tissue Diseases				
Subject	TOTAL	Research Grants	DRIC Projects	Research Contracts
Mineralization Disorders				
Pathology	49,476	49,476		
Pathology, Teeth & Bone	343,097	47,346	135,700	
Diagnosis & Treatment	6,911			
Total	1,473,974	926,154	135,700	160,051
Nutrition				
Pathology	52,027	52,027		
Diagnosis & Treatment	12,288	12,288		
Total	64,315	64,315		
SOFT TISSUE DISEASES	10,129,792	5,431,721	604,387	4,092,765

Wall Dental Research Institute and Center Projects (P50'S).
Total does not include R09 (Scientific Evaluation) projects.

TABLE 3.-- FUNDS FOR RESEARCH GRANTS, RESEARCH CONTRACTS, AND INTRAMURAL RESEARCH PROJECTS, BY SUBJECT, FY 1984

Anomalies in General

Subject	TOTAL	Research Grants	DRIC Projects*	Research Contracts	Intramural Projects
Etiology					
Developmental Biology	2,327,847	1,526,598			801,249
Genetics	296,095	228,019			68,076
Embryology	589,574	598,527	31,320		159,727
Craniofacial Growth	260,103	260,103			
Comparative Sciences	90,631	90,631			
Total	3,564,250	2,503,878	31,320		1,029,052
Pathology					
Craniofacial Growth	57,950	20,735			37,215
Physiology	363,373	205,402	135,700		22,271
Total	421,323	226,137	135,700		59,486
Diagnosis & Treatment					
Craniofacial Measurement	2,844	2,844			21,515
Growth Promoting Factors	21,515				
Physiology	46,377	46,377			115,887
Osteogenesis	244,237	129,150			136,802
Total	314,973	178,371			1,225,140
ANOMALIES IN GENERAL	4,300,546	2,908,386	167,020		

*All Dental Research Institute and Center Projects (P50's).
Total does not include R09 (Scientific Evaluation) projects.

TABLE 3.-- FUNDS FOR RESEARCH GRANTS, RESEARCH CONTRACTS, AND INTRAMURAL RESEARCH PROJECTS, BY SUBJECT, FY 1984

Cleft Lip/Cleft Palate

Subject	TOTAL	Research Grants	DRIC Projects	Research Contracts	Intramural Projects
Epidemiology					
Total	19,002	19,002			
Etiology					
Craniofacial Growth	10,366	10,366			
Embryology	107,876	107,876			
Teratology	107,258	83,768	23,490		
Genetics	1,073,242	990,683	15,660		66,899
Total	166,307	88,401	7,830		68,076
	1,463,049	1,281,094	46,980		134,975
Pathology					
Speech	341,228	341,228			
Craniofacial Growth	351,023	351,023			
Total	692,251	692,251			
Diagnosis & Treatment					
Total	286,549	286,549	46,980		134,975
CLEFT LIP/CLEFT PALATE					
	2,460,851	2,278,896			

All Dental Research Institute and Center Projects (P50'S).
Total does not include R09 (Scientific Evaluation) projects.

TABLE 3.-- FUNDS FOR RESEARCH GRANTS, RESEARCH CONTRACTS, AND INTRAMURAL RESEARCH PROJECTS, BY SUBJECT, FY 1984

Other Congenital Anomalies and Syndromes

Subject	TOTAL	Research Grants	DRIC Projects	Research Contracts	Intramural Projects
Etiology					
Craniofacial Growth	44,774	44,774			
Teratology	205,483	53,025			
Genetics	219,115	219,115			
Total	469,372	316,914			152,458
Pathology					
Total	305,950	241,626			64,324
Diagnosis & Treatment					
Total	416,869	406,646			10,323
OTHER CONGENITAL ANOMALIES AND SYNDROMES	1,192,291	965,186			227,105

*All Dental Research Institute and Center Projects (P50's).
Total does not include R09 (Scientific Evaluation) projects.

TABLE 3.-- FUNDS FOR RESEARCH GRANTS, RESEARCH CONTRACTS, AND INTRAMURAL RESEARCH PROJECTS, BY SUBJECT, FY 1984

Malocclusion				
Subject	TOTAL	Research Grants	DRIC Projects	Research Contracts
Epidemiology	16,759	16,759		
Total	16,759	16,759		
Etiology	177,910	153,072		24,838
Developmental Biology	581,953	509,690		72,263
Functional Effects on Morphology	154,330	154,330		
Craniofacial Growth	914,193	817,092		97,101
Total				
Pathology	219,331	219,331		
Craniofacial Growth	206,642	206,642		
Physiology	425,973	425,973		
Total				
Diagnosis & Treatment	161,719	161,719		
Orthodontic Treatment	562,090	562,090		
Surgery	117,664	4,189	113,475	
Jaw Movement Analysis	841,473	727,998	113,475	
Total	2,198,398	1,987,822	113,475	97,101
MALOCCLUSION				

Mal Dental Research Institute and Center Projects (P50'S).
Total does not include R09 (Scientific Evaluation) projects.

TABLE 3.-- FUNDS FOR RESEARCH GRANTS, RESEARCH CONTRACTS, AND INTRAMURAL RESEARCH PROJECTS, BY SUBJECT, FY 1984

Acquired Malrelations and Accident Cases

Subject	TOTAL	Research Grants	DRIC Projects	Research Contracts	Intramural Projects
Pathology					
Total	211,075	211,075			
Diagnosis & Treatment					
Total	23,868				
ACQUIRED MALRELATIONS AND ACCIDENT CASES	23,868				
	23,868				
	234,943				

XALL Dental Research Institute and Center Projects (P50'S).
Total does not include R09 (Scientific Evaluation) projects.

TABLE 3.-- FUNDS FOR RESEARCH GRANTS, RESEARCH CONTRACTS, AND INTRAMURAL RESEARCH PROJECTS, BY SUBJECT, FY 1984

Restorative Materials				
Subject	TOTAL	Research Grants	DRIC Projects	Research Contracts Intramural Projects
Pathology	26,730	26,730		
Total	26,730	26,730		
Diagnosis & Treatment	1,788,736	1,122,510	207,000	459,226
Restorative Filling Materials	381,298	257,076		124,222
Bonding Agents	166,511	166,511		
Prostheses - Facial	1,532,446	1,445,886		86,560
Prostheses - Oral	368,809	368,809		
Implants	679,901	569,401	110,500	
General Studies	74,917	47,271		27,646
Endodontics	4,992,618	3,977,464	317,500	670,008
Total				27,646
Prevention	72,283	72,283		
Total	72,283	72,283		
RESTORATIVE MATERIALS	5,091,631	4,076,477	317,500	670,008
				27,646

*All Dental Research Institute and Center Projects (P50'S).
Total does not include R09 (Scientific Evaluation) projects.

TABLE 3.-- FUNDS FOR RESEARCH GRANTS, RESEARCH CONTRACTS, AND INTRAMURAL RESEARCH PROJECTS, BY SUBJECT, FY 1984

Pain Control and Behavioral Studies

Subject	TOTAL	Research Grants	DRIC Projects	Research Contracts	Intramural Projects
Epidemiology					
Total	30,387	30,387			
	30,387	30,387			
Etiology					
Basic Neurophysiology, Anatomy & Biochemistry					
Total	3,201,965	1,913,172	121,700		1,167,093
	3,201,965	1,913,172	121,700		1,167,093
Pathology					
Pharmacologic Agents					
Oral-Facial Pain Syndromes					
Total	141,582	85,966			55,616
	34,006	34,006			55,616
	175,588	119,972			
Diagnosis & Treatment					
Dental Fear & Anxiety Syndromes					
Other Behavioral Syndromes					
Dental Pain Syndromes					
Oral-Facial Pain Syndromes					
Acupuncture					
Total	547,037	463,613			83,424
	927,071	927,071			
	197,159	197,159			
	609,002	502,604			106,398
	35,024	39,054			189,822
	2,319,293	2,129,471			
Prevention					
Total	477,694	477,694			
	477,694	477,694			
Not Elsewhere Classified					
Total	94,470	35,436			59,034
	94,470	35,436			59,034
	6,299,397	4,706,132	121,700		1,471,565

ALL Dental Research Institute and Center Projects (P50'S).
Total does not include R09 (Scientific Evaluation) projects.

TABLE 3.-- FUNDS FOR RESEARCH GRANTS, RESEARCH CONTRACTS, AND INTRAMURAL RESEARCH PROJECTS, BY SUBJECT, FY 1984

Clinical Evaluations & Other Research

Subject	TOTAL	Research Grants	DKIC Projects	Research Contracts	Intramural Projects
Clinical Evaluations	186,605	186,605			10,323
Equipment/Instruments/Devices	10,323			74,227	
Procedures, Radiographic	74,227			74,227	
Other Clinical Evaluations	271,155	186,605			10,323
Total					
Dental Care and Practice	75,279	1,052		74,227	
Total	75,279	1,052		74,227	
Dental Education	76,477			76,477	
Dental Auxiliaries	76,477			76,477	
Total	422,911	187,657		224,931	10,323
CLINICAL EVALUATIONS & OTHER RESEARCH			11,612,477	3,610,812	15,223,781
GRAND TOTAL	73,726,452	43,279,382			

***All Dental Research Institute and Center Projects (P50'S). Total does not include R09 (Scientific Evaluation) projects.

TABLE 4.-- GRANTS, AWARDS, AND RESEARCH CONTRACTS, BY KIND OF PERFORMING INSTITUTION, FY 1984

Total NIDR

	TOTAL		Research Grants		Research Contracts		Graduate Training Grants		Fellowships		Research Career Program Awards	
	No.	Dollars	No.	Dollars	No.	Dollars	No.	Dollars	No.	Dollars	No.	Dollars
ACADEMIC INSTITUTIONS												
Schools of Dentistry	(60) 466	28,699,303	374	24,070,450	8	843,842	37	2,708,207	30	395,264	17	681,540
Schools of Medicine	(71) 131	8,136,277	113	7,851,849	--	--	--	--	13	125,888	5	156,540
Schools of Basic Health Sciences	(7) 8	297,872	7	280,136	--	--	--	--	1	17,736	--	--
Schools of Public Health	(5) 5	371,865	3	371,865	2	0+	--	--	--	--	--	--
Schools of Pharmacy	(5) 8	505,920	8	505,920	--	--	--	--	--	--	--	--
University Hospitals	(8) 11	729,263	9	626,845	--	--	--	--	--	--	--	--
Schools of Arts and Sciences	(29) 38	2,075,615	35	1,992,995	--	--	1	84,682	1	17,736	--	--
Graduate Schools	(5) 5	297,973	4	264,973	--	--	--	--	1	33,000	3	82,620
Schools of Agriculture	(4) 4	123,051	3	83,215	--	--	1	39,836	--	--	--	--
Schools of Veterinary Medicine	(5) 5	212,985	5	212,985	--	--	--	--	--	--	--	--
Engineering or Technical Inst.	(13) 17	1,073,185	13	872,350	--	--	2	147,238	1	17,736	1	41,861
Organized Research Units	(1) 3	513,292	3	513,292	--	--	--	--	--	--	--	--
Advanced Education Institutions	(7) 43	3,571,874	34	3,106,330	3	351,679	2	56,037	3	57,828	1	0+
Dental Research Institutes	(11) 12	11,612,505	12	11,612,505	--	--	--	--	--	--	--	--
Total	(231) 756	58,226,980	623	52,365,710	13	1,195,521	43	3,036,000	50	665,188	27	964,561
NONACADEMIC INSTITUTIONS												
Dental and Related Organization	(5) 16	818,652	15	818,652	1	0+	--	--	--	--	--	--
Hospitals (Non-University)	(6) 7	792,066	7	792,066	--	--	--	--	--	--	--	--
Governmental Organizations	(8) 19	872,280	3	52,457	5	670,011	--	--	11	149,812	--	--
Private Research Units	(9) 10	668,554	10	668,554	--	--	--	--	--	--	--	--
Industry	(3) 4	1,939,791	1	194,503	3	1,745,288	--	--	--	--	--	--
Scientific Evaluations	(1) 5	268,950	5	268,950	--	--	--	--	--	--	--	--
Total	(32) 61	5,360,293	41	2,795,182	9	2,415,299	--	--	11	149,812	--	--
GRAND TOTAL	(263) 817	63,587,273	664	55,160,892	22	3,610,820	43	3,036,000	61	815,000	27	964,561

Column A: These numbers are the totals for each kind of institution. Each campus of a university is counted as an institution. The major components of the institution of higher education listed are those responsible for the conduct of the scientific aspects of the grants and contracts.

+Active without FY 1984 funds.

TABLE 5.-- GRANTS, AWARDS, AND RESEARCH CONTRACTS, BY KIND OF PERFORMING INSTITUTION, FY 1984

Total NIDR

Kind and Name of Performing Institution	No.	TOTAL		Research Grants		Research Contracts		Graduate Training Grants		Fellowships		Research Career Pro-	
		Dollars	No.	Dollars	No.	Dollars	No.	Dollars	No.	Dollars	No.	gram Awards	No. Dollars
ACADEMIC INSTITUTIONS													
Schools of Dentistry													
UNITED STATES													
Baylor College of Dentistry	3	87,587	3	87,587									
Dallas, Texas													
Case Western Reserve University	8	218,115	8	218,115									
Cleveland, Ohio													
Columbia University	8	587,351	6	420,263				1	126,264			1	40,824
New York													
Emory University	5	230,332	4	215,661				1	16,671				
Atlanta, Georgia													
Fairleigh Dickinson University	4	127,009	3	115,338				1	11,671				
Teaneck, New Jersey													
Georgetown University	6	232,358	6	232,358									
Washington, Dist of Col													
Harvard University	15	1,100,098	5	391,634				4	593,609	4	67,491	2	47,364
Boston, Massachusetts													
Indiana Univ.-Purdue Univ	12	516,445	8	380,714				2	101,333	1	0+	1	34,398
Indianapolis, Indiana													
Louisiana State Univ Med	7	293,253	7	293,253									
Cent New Orleans, Louisiana													
Marquette University	4	84,017	4	84,017									
Milwaukee, Wisconsin													
Medical College of Georgia	10	579,973	9	561,675				1	18,298				
Augusta, Georgia													
Medical University of South Carolina	4	10,643	4	10,643									
Charleston, South Carolina													
Meharry Medical College	1	128,999	1	128,999									
Nashville, Tennessee													
New York University	3	153,767	3	153,767									
New York, New York													
Northwestern University	9	437,101	8	345,390				1	91,711				
Chicago, Illinois													
Ohio State University	3	221,077	3	221,077									
Columbus, Ohio													

*Active without FY 1984 funds.

Total NIDR

Kind and Name of Performing Institution ACADEMIC INSTITUTIONS SCHOOLS OF DENTISTRY UNITED STATES	No.	TOTAL		Research Grants		Research Contracts		Graduate Training Grants		Fellowships		Research Career Pro-	
		No.	Dollars	No.	Dollars	No.	Dollars	No.	Dollars	No.	Dollars	No.	Dollars
Oral Roberts University	1	63,800	1	63,800	--	--	--	--	--	--	--	--	--
Oregon Health Sciences University	5	315,777	5	315,777	--	--	--	--	--	--	--	--	--
Portland	3	--	3	--	--	--	--	--	--	--	--	--	--
Southern Illinois Univ at Edwardsville	9	919,712	8	837,639	1	82,073	--	--	--	--	--	--	--
State University New York Stony Brook	25	1,705,792	18	1,329,325	1	0+	3	295,887	2	39,756	1	40,824	--
State University of New York at Buffalo	6	403,741	6	403,741	--	--	--	--	--	--	--	--	--
Temple University	1	146,422	1	146,422	--	--	--	--	--	--	--	--	--
Tufts University	31	2,217,308	17	1,362,005	3	428,628	2	215,842	6	85,161	3	145,672	--
University of Alabama in Birmingham	8	316,555	8	314,555	--	--	--	--	--	--	--	--	--
University of California Los Angeles	14	716,903	13	703,900	--	--	--	1	11,003	--	--	--	--
University of California San Francisco	6	220,684	6	220,684	--	--	--	--	--	--	--	--	--
University of Colorado Hlth Sciences Ctr	35	2,049,178	27	1,581,790	--	--	--	4	401,128	3	37,704	1	28,556
University of Connecticut Health Center	1	20,949	1	20,949	--	--	--	--	--	--	--	--	--
University of Detroit	14	608,755	11	437,116	--	--	--	1	92,370	--	--	2	79,269
University of Florida	15	579,637	14	565,466	--	--	--	1	14,171	--	--	--	--
Gainesville	11	1,436,821	11	1,436,821	--	--	--	--	--	--	--	--	--
University of Illinois at Chicago	1	157,231	1	157,231	--	--	--	--	--	--	--	--	--
University of Iowa	5	145,026	4	130,355	--	--	--	1	14,671	--	--	--	--
Iowa City	--	--	--	--	--	--	--	--	--	--	--	--	--
University of Kentucky	--	--	--	--	--	--	--	--	--	--	--	--	--
University of Louisville	--	--	--	--	--	--	--	--	--	--	--	--	--
Louisville	--	--	--	--	--	--	--	--	--	--	--	--	--

+Active without FY 1984 funds.

TABLE 5.-- GRANTS, AWARDS, AND RESEARCH CONTRACTS, BY KIND OF PERFORMING INSTITUTION, FY 1984

D025

Kind and Name of Performing Institution	Total NIDR									
	No.	Dollars	Research Grants	Research Contracts	Graduate Training Grants	Fellowships	Research Career Pro-			
			No.	No.	No.	No.	gram Awards	No.	Dollars	
ACADEMIC INSTITUTIONS										
Schools of Dentistry										
UNITED STATES										
University of Maryland at Baltimore	8	466,454	6	1	6,406	--	--	1	40,500	
University of Medicine & Dentistry of NJ	3	168,742	3	--	--	--	--	--	--	
University of Michigan at Ann Arbor	24	1,448,457	21	--	--	2	73,943	1	0+	
University of Minnesota at Minneapolis	1	302,213	--	1	302,213	--	--	--	--	
University of Minnesota at Minneapolis-St Paul	13	695,811	11	--	--	2	24,647	--	--	
University of Mississippi Medical Center	5	21,701	4	--	--	1	7,335	--	--	
University of Nebraska Lincoln	1	0+	1	0+	--	--	--	--	--	
University of North Carolina Chapel Hill	25	1,101,454	17	--	--	1	11,003	6	89,924	56,962
University of Oklahoma Health Sciences Ctr	1	0+	1	0+	--	--	--	--	--	
University of Pennsylvania	18	1,671,447	13	1	24,522	2	206,608	2	17,736	--
University of Pittsburgh	3	418,966	3	--	--	--	--	--	--	
University of Southern California	11	1,365,319	9	--	--	1	156,711	--	--	40,033
University of Tennessee	1	21,300	1	--	--	--	--	--	--	
University of Texas Health Sci Ctr Houston	5	107,542	4	--	--	--	--	--	--	41,148
University of Texas Health Sci Ctr San Antonio	8	531,333	8	--	--	--	--	--	--	--
University of the Pacific	2	32,504	2	--	--	--	--	--	--	--
University of Washington	24	1,884,054	17	--	--	4	225,331	3	22,716	--
University of Virginia	9	759,783	6	--	--	--	--	1	17,736	85,990

+Active without FY 1984 funds.

TABLE 5.-- GRANTS, AWARDS, AND RESEARCH CONTRACTS, BY KIND OF PERFORMING INSTITUTION, FY 1984

Total NIDR												
Kind and Name of Performing Institution	No.	Dollars	Research Grants		Research Contracts No.	Dollars	Graduate Training		Fellowships No.	Dollars	Career Pro-grams Awards No.	Dollars
			No.	Dollars			No.	Dollars				
ACADEMIC INSTITUTIONS												
SCHOOLS OF DENTISTRY												
UNITED STATES												
Washington University	4	373,140	4	373,140	--	--	--	--	--	--	--	--
Saint Louis												
West Virginia University	1	0+	1	0+	--	--	--	--	--	--	--	--
Morgantown												
UNITED STATES - Total												
	468	28,398,636	369	23,786,823	8	843,842	37	2,708,207	29	378,224	17	681,540
FOREIGN												
Gothenburg University	1	68,850	1	68,850	--	--	--	--	--	--	--	--
Gothenburg												
Hebrew University of Jerusalem	1	50,457	1	50,457	--	--	--	--	--	--	--	--
Jerusalem												
Tel Aviv University	1	15,000	1	15,000	--	--	--	--	--	--	--	--
Tel Aviv												
University of British Columbia	1	70,521	1	70,521	--	--	--	--	--	--	--	--
Vancouver												
University of Toronto	2	95,839	1	78,799	--	--	--	--	1	17,040	--	--
Toronto												
FOREIGN - Total												
	6	300,667	5	283,627	--	--	--	--	1	17,040	--	--
SCHOOLS OF DENTISTRY												
SCHOOLS OF MEDICINE												
UNITED STATES												
Case Western Reserve University	1	100,635	1	100,635	--	--	--	--	--	--	--	--
Cleveland												
Central State Univ (Wilberforce, Oh)	1	0+	1	0+	--	--	--	--	--	--	--	--
Wilberforce												
Columbia University	1	0+	1	0+	--	--	--	--	--	--	--	--
New York												
Creighton University	3	206,559	3	206,559	--	--	--	--	--	--	--	--
Omaha												
FOREIGN - Total												
	- TOTAL	466	28,699,303	374	24,070,450	8	843,842	37	2,708,207	30	395,264	17 681,540

TABLE 5.-- GRANTS, AWARDS, AND RESEARCH CONTRACTS, BY KIND OF PERFORMING INSTITUTION, FY 1984

D023

Total NIDR

Kind and Name of Performing Institution ACADEMIC INSTITUTIONS SCHOOLS OF MEDICINE UNITED STATES	No.	TOTAL		Research Grants		Research Contracts		Graduate Training		Fellowships		Research Career Pro-	
		Dollars		No.		No.		No.		No.		grams Awards	
Dartmouth College	1	124,869	1	124,869	1	124,869	1	124,869	1	124,869	1	124,869	1
Dartmouth College	2	264,294	2	264,294	2	264,294	2	264,294	2	264,294	2	264,294	2
Dartmouth College	1	0+	1	0+	1	0+	1	0+	1	0+	1	0+	1
Dartmouth College	2	107,674	2	107,674	2	107,674	2	107,674	2	107,674	2	107,674	2
Dartmouth College	2	147,583	2	147,583	2	147,583	2	147,583	2	147,583	2	147,583	2
Dartmouth College	2	67,205	1	67,205	1	67,205	1	67,205	1	67,205	1	67,205	1
Dartmouth College	1	18,468	--	18,468	--	18,468	--	18,468	--	18,468	--	18,468	--
Dartmouth College	1	0+	1	0+	1	0+	1	0+	1	0+	1	0+	1
Dartmouth College	2	68,456	2	68,456	2	68,456	2	68,456	2	68,456	2	68,456	2
Dartmouth College	3	276,314	3	276,314	3	276,314	3	276,314	3	276,314	3	276,314	3
Dartmouth College	1	0+	1	0+	1	0+	1	0+	1	0+	1	0+	1
Dartmouth College	2	159,320	2	159,320	2	159,320	2	159,320	2	159,320	2	159,320	2
Dartmouth College	3	480,281	3	480,281	3	480,281	3	480,281	3	480,281	3	480,281	3
Dartmouth College	3	364,225	3	364,225	3	364,225	3	364,225	3	364,225	3	364,225	3
Dartmouth College	1	89,896	1	89,896	1	89,896	1	89,896	1	89,896	1	89,896	1
Dartmouth College	1	0+	1	0+	1	0+	1	0+	1	0+	1	0+	1
Dartmouth College	1	0+	--	0+	--	0+	--	0+	--	0+	--	0+	--
Dartmouth College	2	264,554	2	264,554	2	264,554	2	264,554	2	264,554	2	264,554	2

+Active without FY 1984 funds.

Total NIDR												
Kind and Name of Performing Institution	No.	TOTAL Dollars	Research Grants		Research Contracts		Graduate Training Grants		Fellowships		Research Career Pro-	
			No.	Dollars	No.	Dollars	No.	Dollars	No.	Dollars	No.	Dollars
ACADEMIC INSTITUTIONS												
Schools of Medicine												
UNITED STATES												
Temple University	3	187,204	3	187,204	--	--	--	--	--	--	--	--
Philadelphia												
Thomas Jefferson University	4	351,712	3	312,346	--	--	--	--	--	--	1	39,366
Philadelphia												
Tufts University	2	293,805	2	293,805	--	--	--	--	--	--	--	--
Boston												
Univ of Med/Dent NJ-Rutgers Medical Sch	1	113,028	1	113,028	--	--	--	--	--	--	--	--
Piscataway												
University of California Davis	1	11,628	1	11,628	--	--	--	--	--	--	--	--
Davis												
University of California Irvine	1	84,046	1	84,046	--	--	--	--	--	--	--	--
Irvine												
University of California Los Angeles	3	267,935	3	267,935	--	--	--	--	--	--	--	--
Los Angeles												
University of California San Francisco	1	148,879	1	148,879	--	--	--	--	--	--	--	--
San Francisco												
University of Colorado Hlth Sciences Ctr	1	116,670	1	116,670	--	--	--	--	--	--	--	--
Denver												
University of Connecticut Health Center	2	182,683	2	182,683	--	--	--	--	--	--	--	--
Farmington												
University of Illinois at Chicago	1	0+	1	0+	--	--	--	--	--	--	--	--
Chicago												
University of Illinois Urbana-Champaign	1	0+	1	0+	--	--	--	--	--	--	--	--
Urbana												
University of Iowa	2	17,040	--	--	--	--	--	--	2	17,040	--	--
Iowa City												
University of Kansas Col Hlth Sci & Hosp	3	100,665	3	100,665	--	--	--	--	--	--	--	--
Kansas City												
University of Louisville	1	23,205	1	23,205	--	--	--	--	--	--	--	--
Louisville												
University of Maryland at Baltimore	2	72,736	2	72,736	--	--	--	--	--	--	--	--
Baltimore												
University of Massachusetts Amherst	1	75,477	1	75,477	--	--	--	--	--	--	--	--
Amherst												
University of Massachusetts Medical Sch	2	4,336	1	0+	--	--	--	--	1	4,336	--	--
Norchester												
Massachusetts												

*Active without FY 1984 funds.

TABLE 5.-- GRANTS, AWARDS, AND RESEARCH CONTRACTS, BY KIND OF PERFORMING INSTITUTION, FY 1984

D023

Total NIDR										
Kind and Name of Performing Institution	TOTAL		Research Grants		Research Contracts		Graduate Training Grants		Research Career Pro-	
	No.	Dollars	No.	Dollars	No.	Dollars	No.	Dollars	No.	gram Awards
ACADEMIC INSTITUTIONS										
SCHOOLS OF MEDICINE										
UNIVERSITY STATES										
University of Miami	3	246,877	3	246,877	--	--	--	--	--	--
University of Michigan at Ann Arbor	7	309,699	4	229,405	--	--	--	--	0+	2
University of Minnesota of Mpls-St Paul	1	82,672	1	82,672	--	--	--	--	--	--
University of Mississippi Medical Center	3	113,461	3	113,461	--	--	--	--	--	--
University of Missouri Columbia	4	220,425	3	201,957	--	--	--	--	1	18,468
University of Nebraska Lincoln	1	122,582	1	122,582	--	--	--	--	--	--
University of Nebraska Medical Center	1	0+	1	0+	--	--	--	--	--	--
University of New Mexico Albuquerque	2	63,233	2	63,233	--	--	--	--	--	--
University of North Carolina Chapel Hill	3	31,740	3	31,740	--	--	--	--	--	--
University of Oklahoma Hlth Sciences Ctr	2	197,952	2	197,952	--	--	--	--	--	--
University of Pennsylvania Philadelphia	1	132,226	1	132,226	--	--	--	--	--	--
University of Rhode Island	1	5,000	1	5,000	--	--	--	--	--	--
University of South Florida Tampa	1	20,400	1	20,400	--	--	--	--	--	--
University of Southern California Los Angeles	1	0+	1	0+	--	--	--	--	--	--
University of Tenn Center Health Scien	3	--	2	0+	--	--	--	--	1	0+
University of Texas Hlth Sci Ctr Dallas	2	0+	1	0+	--	--	--	--	1	0+
University of Texas Hlth Sci Ctr Houston	2	112,413	2	112,413	--	--	--	--	--	--
University of Texas Hlth Sci Ctr San Ant	1	91,813	1	91,813	--	--	--	--	--	--
University of Texas Hlth Sci Ctr San Antonio										

+Active without FY 1984 funds.

TABLE 5.-- GRANTS, AWARDS, AND RESEARCH CONTRACTS, BY KIND OF PERFORMING INSTITUTION, FY 1984

Total NIDR

Kind and Name of Performing Institution	TOTAL		Research Grants		Research Contracts		Graduate Training Grants		Fellowships		Research Career Program Awards	
	No.	Dollars	No.	Dollars	No.	Dollars	No.	Dollars	No.	Dollars	No.	Dollars
ACADEMIC INSTITUTIONS												
SCHOOLS OF MEDICINE												
UNITED STATES												
University of Utah	3	116,885	3	116,885	--	--	--	--	--	--	--	--
Salt Lake City												
University of Vermont & St. Agrie College	1	99,921	1	99,921	--	--	--	--	--	--	--	--
Burlington												
University of Virginia Charlottesville	1	0+	1	0+	--	--	--	--	--	--	--	--
Charlottesville												
University of Washington	5	592,843	3	545,713	--	--	--	--	1	8,250	1	38,880
Seattle												
University of Wisconsin Madison	1	106,082	1	106,082	--	--	--	--	--	--	--	--
Madison												
Vanderbilt University	1	77,085	1	77,085	--	--	--	--	--	--	--	--
Nashville												
Virginia Commonwealth University	3	140,838	1	123,102	--	--	--	--	1	17,736	1	0+
Richmond												
West Virginia University	2	68,232	2	68,232	--	--	--	--	--	--	--	--
Morgantown												
Yale University	2	182,352	1	149,352	--	--	--	--	1	33,000	--	--
New Haven												
Yeshiva University	1	264,679	1	264,679	--	--	--	--	--	--	--	--
New York												
UNITED STATES - Total	128	8,110,792	110	7,826,364	--	--	--	--	13	125,888	5	158,540
FOREIGN												
Mc Gill University	1	0+	1	0+	--	--	--	--	--	--	--	--
Montreal												
University of New South Wales	1	0+	1	0+	--	--	--	--	--	--	--	--
Kensington												
University of Toronto	1	25,485	1	25,485	--	--	--	--	--	--	--	--
Toronto												
FOREIGN - Total	3	25,485	3	25,485	--	--	--	--	--	--	--	--
Schools of Medicine	- TOTAL	8,136,277	113	7,851,849	--	--	--	--	13	125,888	5	158,540

*Active without FY 1984 funds.

TABLE 5.-- GRANTS, AWARDS, AND RESEARCH CONTRACTS, BY KIND OF PERFORMING INSTITUTION, FY 1984

D023

Total NIDR

Kind and Name of Performing Institution	No.	TOTAL		Research Grants		Research Contracts		Graduate Training Grants		Fellowships		Research Career Pro-gram Awards	
		Dollars	No.	Dollars	No.	Dollars	No.	Dollars	No.	Dollars	No.	Dollars	No.
ACADEMIC INSTITUTIONS													
Basic Health Sciences													
UNITED STATES													
Michigan State University	1	76,211	1	76,211	--	--	--	--	--	--	--	--	--
East Lansing													
University of Alabama in Birmingham	2	98,780	2	98,780	--	--	--	--	--	--	--	--	--
Birmingham													
University of Chicago	1	17,736	--	--	--	--	--	--	--	1	17,736	--	--
Chicago													
University of Maryland College Pk Campus	1	11,377	1	11,377	--	--	--	--	--	--	--	--	--
College Park													
University of Mississippi	1	45,114	1	45,114	--	--	--	--	--	--	--	--	--
University of North Carolina Chapel Hill	1	48,654	1	48,654	--	--	--	--	--	--	--	--	--
Chapel Hill													
University of Texas San Antonio	1	0+	1	0+	--	--	--	--	--	--	--	--	--
San Antonio													
UNITED STATES - Total	8	297,872	7	280,136	--	--	--	--	--	1	17,736	--	--
Basic Health Sciences													
Schoole of Public Health													
UNITED STATES													
Columbia University	1	262,415	1	262,415	--	--	--	--	--	--	--	--	--
New York													
University of Hawaii at Manoa	1	88,401	1	88,401	--	--	--	--	--	--	--	--	--
Honolulu													
University of Massachusetts Amherst	1	21,049	1	21,049	--	--	--	--	--	--	--	--	--
Amherst													
University of Michigan	2	0+	--	--	2	0+	--	--	--	--	--	--	--
Ann Arbor													
UNITED STATES - Total	5	371,865	3	371,865	2	0+	--	--	--	--	--	--	--
Schoole of Public Health													
- TOTAL													
Schoole of Public Health													
- TOTAL													
Schoole of Public Health													
- TOTAL													

Active without FY 1984 funds.

+Active without FY 1984 funds.

Total NIDR

Kind and Name of Performing Institution	TOTAL	Research Grants	Research Contracts	Graduate Training Grants	Fellowships	Research Career Pro-
No.	Dollars	No.	No.	No.	No.	gram Awards
-----	-----	-----	-----	-----	-----	-----
ACADEMIC INSTITUTIONS						
Schools of Pharmacy						
UNITED STATES						
State University of New York at Buffalo	1	0+	--	--	--	--
Buffalo						
University of Illinois at Chicago	1	23,235	--	--	--	--
Chicago						
University of Minnesota of Mpls-St Paul	2	128,366	--	--	--	--
Minneapolis						
University of North Carolina Chapel Hill	1	76,336	--	--	--	--
Chapel Hill						
University of Utah	3	277,983	--	--	--	--
Salt Lake City						
UNITED STATES - Total	8	505,920	--	--	--	--
Schools of Pharmacy						
UNITED STATES						
University Hospitals						
Children's Hospital (Boston)	2	17,736	--	--	1	17,736
Boston						
Children's Hospital (Buffalo)	1	77,911	--	--	--	--
Buffalo						
Hospital for Special Surgery	1	129,558	--	--	--	--
New York						
Johns Hopkins University	1	130,920	--	--	--	--
Baltimore						
Los Angeles County Harbor-Ucla Med Ctr	1	84,682	--	--	--	--
Los Angeles						
Massachusetts General Hospital	3	71,349	--	--	--	--
Boston						
University Hospital (Boston)	1	183,267	--	--	--	--
Boston						
University of Texas System Cancer Center	1	33,840	--	--	--	--
Houston						
UNITED STATES - Total	11	729,263	--	1	84,682	1
						17,736

+Active without FY 1984 funds.

TABLE 5.-- GRANTS, AWARDS, AND RESEARCH CONTRACTS, BY KIND OF PERFORMING INSTITUTION, FY 1984

D023

Total NIDR													
Kind and Name of Performing Institution	No.	TOTAL		Research Grants		Research Contracts		Graduate Training Grants		Fellowships		Research Career Pro-grams Awards	
		No.	Dollars	No.	Dollars	No.	Dollars	No.	Dollars	No.	Dollars	No.	Dollars
University Hospitals	-	TOTAL	11	729,263	9	626,845	--	--	1	84,682	1	17,736	--
ACADEMIC INSTITUTIONS													
Schools of Arts and Sciences													
UNITED STATES													
Boston University													
Boston	1	71,950	1	71,950			--	--					--
Case Western Reserve University													--
Cleveland	2	244,246	2	244,246			--	--					--
Cornell College													--
Mount Vernon	2	34,337	2	34,337			--	--					--
Florida State University													--
Tallahassee	1	0+	1	0+			--	--					--
Harvard University													--
Cambridge	1	90,631	1	90,631			--	--					--
Indiana University Bloomington													--
Bloomington	1	7,150	1	7,150			--	--					--
Kent State University at Kent													--
Kent	1	42,233	1	42,233			--	--					--
North Dakota State University													--
Fargo	1	67,296	1	67,296			--	--					--
Northwestern University													--
Evanston	1	0+	1	0+			--	--					--
Ohio State University													--
Columbus	1	71,790	1	71,790			--	--					--
Oregon State University													--
Corvallis	1	30,118	1	30,118			--	--					--
Pennsylvania State University Park													--
University Park	2	179,606	2	179,606			--	--					--
Rice University													--
Houston	1	0+	--	0+	--	--	--	--	--	--	--	1	0+
Texas													--

+Active without FY 1984 funds.

Total NIDR

Kind and Name of Performing Institution SCHOOLS OF ARTS AND SCIENCES ACADEMIC INSTITUTIONS SCHOOLS OF ARTS AND SCIENCES UNITED STATES	TOTAL		Research Grants		Research Contracts		Graduate Training Grants		Fellowships		Research Career Pro-gram Awards	
	No.	Dollars	No.	Dollars	No.	Dollars	No.	Dollars	No.	Dollars	No.	Dollars
State University of New York at Albany	2	116,472	2	116,472	--	--	--	--	--	--	--	--
University of California Davis	2	130,961	1	87,869	--	--	--	--	--	--	1	43,092
University of California Riverside	1	0+	0+	0+	--	--	--	--	--	--	--	--
University of California San Diego	1	0+	0+	0+	--	--	--	--	--	--	--	--
University of Connecticut Health Center	1	123,839	1	123,839	--	--	--	--	--	--	--	--
University of Connecticut Storrs	1	0+	0+	0+	--	--	--	--	--	--	--	--
University of Denver	3	104,319	2	64,791	--	--	--	--	--	--	1	39,528
University of Florida Gainesville	1	118,726	1	118,726	--	--	--	--	--	--	--	--
University of Iowa Iowa City	2	81,618	2	81,618	--	--	--	--	--	--	--	--
University of Maine at Orono	1	0+	0+	0+	--	--	--	--	--	--	--	--
University of Maryland College Park	1	0+	0+	0+	--	--	--	--	--	--	--	--
University of Michigan at Ann Arbor	1	93,459	1	93,459	--	--	--	--	--	--	--	--
University of Oregon Eugene	1	126,476	1	126,476	--	--	--	--	--	--	--	--
University of Texas Austin	1	121,697	1	121,697	--	--	--	--	--	--	--	--
Washington University Saint Louis	2	196,941	2	196,941	--	--	--	--	--	--	--	--
Western Washington University Bellingham	1	21,750	1	21,750	--	--	--	--	--	--	--	--
UNITED STATES - Total	38	2,075,615	35	1,992,995	--	--	--	--	--	--	3	82,620
Schools of Arts and Sciences - TOTAL	38	2,075,615	35	1,992,995	--	--	--	--	--	--	3	82,620

+Active without FY 1984 funds.

TABLE 5.-- GRANTS, AWARDS, AND RESEARCH CONTRACTS, BY KIND OF PERFORMING INSTITUTION, FY 1984

B023

Total NIDR									
Kind and Name of Performing Institution	TOTAL		Research Grants		Research Contracts		Graduate Training Grants		Research Career Pro- gram Awards
	No.	Dollars	No.	Dollars	No.	Dollars	No.	Dollars	No. Dollars
ACADEMIC INSTITUTIONS									
Graduate Schools									
UNITED STATES									
St. Louis University	1	7,831	1	7,831	--	--	--	--	--
Saint Louis University	1	48,261	1	48,261	--	--	--	--	--
University of California	1	33,000	--	--	--	--	1	33,000	--
La Jolla	1	55,223	1	55,223	--	--	--	--	--
University of Texas With Sci Ctr Houston	1	153,658	1	153,658	--	--	--	--	--
Mouston	1	297,973	4	264,973	--	--	1	33,000	--
Vanderbilt University	1	55,223	1	55,223	--	--	--	--	--
Washington University	1	153,658	1	153,658	--	--	--	--	--
Saint Louis	5	297,973	4	264,973	--	--	1	33,000	--
UNITED STATES - Total	5	297,973	4	264,973	--	--	1	33,000	--
Graduate Schools									
SCHOOLS OF AGRICULTURE									
UNITED STATES									
Purdue University	1	83,215	1	83,215	--	--	--	--	--
West Lafayette	1	39,836	--	--	--	--	1	39,836	--
University of Florida	1	123,051	2	83,215	--	--	--	--	--
Gainesville	1	83,215	1	83,215	--	--	--	--	--
University of Wisconsin	1	39,836	--	--	--	--	--	--	--
Madison	3	123,051	2	83,215	--	--	--	--	--
UNITED STATES - Total	5	297,973	4	264,973	--	--	1	33,000	--
FOREIGN									
University of Queensland	1	83,215	1	83,215	--	--	--	--	--
Brisbane	1	39,836	--	--	--	--	--	--	--
FOREIGN - Total	2	123,051	2	83,215	--	--	--	--	--
Schools of Agriculture	4	123,051	3	83,215	--	--	1	39,836	--
- TOTAL	4	123,051	3	83,215	--	--	1	39,836	--

*Active without FY 1984 funds.

Total NIDR

Kind and Name of Performing Institution	TOTAL		Research Grants		Research Contracts		Graduate Training Grants		Fellowships		Research Career Pro-gram Awards	
	No.	Dollars	No.	Dollars	No.	Dollars	No.	Dollars	No.	Dollars	No.	Dollars
ACADEMIC INSTITUTIONS												
Schools of Veterinary Medicine												
UNITED STATES												
Cornell University Ithaca New York	1	71,967	1	71,967	--	--	--	--	--	--	--	--
Ohio State University Columbus Ohio	1	0+	1	0+	--	--	--	--	--	--	--	--
Texas Agri. and Mech Univ College Station Texas	1	49,476	1	49,476	--	--	--	--	--	--	--	--
University of Minnesota of Mpls-St Paul Minneapolis Minnesota	1	44,997	1	44,997	--	--	--	--	--	--	--	--
University of Missouri Columbia Missouri	1	46,545	1	46,545	--	--	--	--	--	--	--	--
UNITED STATES - Total	5	212,985	5	212,985	--	--	--	--	--	--	--	--
Schools of Veterinary Medicine - TOTAL												
5	212,985	--	5	212,985	--	--	--	--	--	--	--	--
Engineering or Technical Inst.												
UNITED STATES												
Georgia Institute of Technology Atlanta Georgia	3	319,074	2	268,828	--	--	1	58,246	--	--	--	--
Iowa State University of Science & Tech Ames Iowa	1	102,850	1	102,850	--	--	--	--	--	--	--	--
New Jersey Institute of Technology Newark New Jersey	1	96,282	1	96,282	--	--	--	--	--	--	--	--
Rensselaer Polytechnic Institute Troy New York	3	226,302	2	137,310	--	--	1	88,992	--	--	--	--
Rose-Hulman Institute of Technology Terre Haute Indiana	1	12,000	1	12,000	--	--	--	--	--	--	--	--
Stevens Institute of Technology Hoboken New Jersey	1	0+	1	0+	--	--	--	--	--	--	--	--
Tulane University of Louisiana New Orleans Louisiana	1	0+	1	0+	--	--	--	--	--	--	--	--
University of California Berkeley Berkeley California	1	177,029	1	177,029	--	--	--	--	--	--	--	--

*Active without FY 1984 funds.

TABLE 5.-- GRANTS, AWARDS, AND RESEARCH CONTRACTS, BY KIND OF PERFORMING INSTITUTION, FY 1984

D023

Total NIDR

Kind and Name of Performing Institution	No.	TOTAL Dollars	Research Grants		Research Contracts		Graduate Training Grants		Fellowships		Research Career Pro-		
			No.	Dollars	No.	Dollars	No.	Dollars	No.	Dollars	No.	Dollars	
ACADEMIC INSTITUTIONS													
Engineering or Technical Inst.													
UNITED STATES													
University of Illinois Urbana-Champaign	1	44,302	1	44,302	--	--	--	--	--	--	--	--	
University of Minnesota of Mpls-St Paul	1	17,736	--	--	--	--	--	--	1	17,736	--	--	
University of Pennsylvania	1	41,861	--	--	--	--	--	--	--	--	1	41,861	
University of Tennessee Knoxville	1	41,749	1	41,749	--	--	--	--	--	--	--	--	
University of Virginia Charlottesville	1	0+	1	0+	--	--	--	--	--	--	--	--	
UNITED STATES - Total	17	1,079,185	13	872,350	--	--	2	147,238	1	17,736	1	41,861	
Engineering or Technical Inst. - TOTAL													
Organized Research Units													
UNITED STATES													
University of Michigan at Ann Arbor	3	513,292	3	513,292	--	--	--	--	--	--	--	--	
UNITED STATES - Total													
Organized Research Units - TOTAL													
Advanced Education Institutions													
UNITED STATES													
Boston University	1	135,927	1	135,927	--	--	--	--	--	--	--	--	
Eastern Dental Center	10	447,759	6	264,976	2	126,746	2	56,037	--	--	--	--	
Rochester													

+Active without FY 1984 funds.

Total NIDR

Kind and Name of Performing Institution	TOTAL		Research Grants		Research Contracts		Graduate Training Grants		Fellowships		Research Career Program Awards	
	No.	Dollars	No.	Dollars	No.	Dollars	No.	Dollars	No.	Dollars	No.	Dollars
ACADEMIC INSTITUTIONS												
Advanced Education Institutions												
UNITED STATES												
Forsyth Dental Center												
Boston	22	2,646,238	19	2,402,837	1	224,933	--	--	1	18,468	1	0+
H. K. Cooper Clinic												
Lancaster	2	0+	2	0+	--	--	--	--	--	--	--	--
University of Chicago												
Chicago	1	0+	1	0+	--	--	--	--	--	--	--	--
University of Rhode Island												
Kingston	1	0+	1	0+	--	--	--	--	--	--	--	--
University of Rochester												
Rochester	6	341,950	4	302,590	--	--	--	--	2	39,360	--	--
UNITED STATES - Total	43	3,571,874	34	3,106,330	3	351,679	2	56,037	3	57,828	1	0+
Advanced Education Institutions - TOTAL												
43	3,571,874	34	3,106,330	3	351,679	2	56,037	3	57,828	1	0+	
Dental Research Institutes												
UNITED STATES												
Forsyth Dental Center												
Boston	2	1,349,844	2	1,349,844	--	--	--	--	--	--	--	--
State University of New York at Buffalo												
Buffalo	1	877,759	1	877,759	--	--	--	--	--	--	--	--
University of Alabama in Birmingham												
Birmingham	1	1,900,000	1	1,900,000	--	--	--	--	--	--	--	--
University of Iowa												
Iowa City	1	392,789	1	392,789	--	--	--	--	--	--	--	--
University of Massachusetts Medical Sch												
Worcester	1	0+	1	0+	--	--	--	--	--	--	--	--
University of Michigan at Ann Arbor												
Ann Arbor	1	1,417,298	1	1,417,298	--	--	--	--	--	--	--	--
University of North Carolina Chapel Hill												
Chapel Hill	1	1,400,000	1	1,400,000	--	--	--	--	--	--	--	--
University of Pennsylvania												
Philadelphia	1	1,356,897	1	1,356,897	--	--	--	--	--	--	--	--

+Active without FY 1984 funds.

Total NIDR									
Kind and Name of Performing Institution	No.	TOTAL Dollars	Research Grants No.	Research Grants Dollars	Research Contracts No.	Research Contracts Dollars	Graduate Training No.	Fellowships No.	Research Career Pro- gram Awards No.
ACADEMIC INSTITUTIONS									
Dental Research Institutes									
UNITED STATES									
University of Rochester	1	483,572	1	483,572	--	--	--	--	--
University of Washington	1	1,524,805	1	1,524,805	--	--	--	--	--
Seattle	1	909,541	1	909,541	--	--	--	--	--
Virginia Commonwealth University	12	11,612,505	12	11,612,505	--	--	--	--	--
Richmond	12	11,612,505	12	11,612,505	--	--	--	--	--
UNITED STATES - Total	756	58,226,980	623	52,365,710	13	1,195,521	43	3,036,000	50
Dental Research Institutes - TOTAL	12	11,612,505	12	11,612,505	--	--	--	--	--
ACADEMIC INSTITUTIONS - TOTAL									
756		58,226,980	623	52,365,710	13	1,195,521	43	3,036,000	50
NONACADEMIC INSTITUTIONS									
Dental and Related Organization									
UNITED STATES									
American Assn for Dental Research	2	52,788	2	52,788	--	--	--	--	--
Washington	8	706,766	7	706,766	1	0+	--	--	--
Chicago	3	48,598	3	48,598	--	--	--	--	--
Illinois	2	7,500	2	7,500	--	--	--	--	--
Chicago	1	3,000	1	3,000	--	--	--	--	--
Gordon Research Conferences	16	818,652	15	818,652	1	0+	--	--	--
Kingston	16	818,652	15	818,652	1	0+	--	--	--
International Assoc/Mechinists/Aerospace	16	818,652	15	818,652	1	0+	--	--	--
Washington	16	818,652	15	818,652	1	0+	--	--	--
UNITED STATES - Total	16	818,652	15	818,652	1	0+	--	--	--
Dental and Related Organization - TOTAL	16	818,652	15	818,652	1	0+	--	--	--
ACADEMIC INSTITUTIONS - TOTAL									
756		58,226,980	623	52,365,710	13	1,195,521	43	3,036,000	50
NONACADEMIC INSTITUTIONS - TOTAL									
16		818,652	15	818,652	1	0+	--	--	--
TOTAL									
912		59,045,632	638	53,184,262	14	1,195,521	43	3,036,000	100

+Active without FY 1984 funds.

TABLE 5.-- GRANTS, AWARDS, AND RESEARCH CONTRACTS, BY KIND OF PERFORMING INSTITUTION, FY 1984

D023

Total NIDR

Kind and Name of Performing Institution	No.	TOTAL Dollars	Research Grants No.	Research Contracts No.	Graduate Training Grants No.	Fellowships No.	Research Career Pro- gram Awards No.
NONACADEMIC INSTITUTIONS							
Governmental Organizations							
UNITED STATES							
U.S. Vets Admin Med Ctr (Sepulveda, Ca)	1	32,457	1	32,457	--	--	--
Sepulveda							
UNITED STATES - Total	19	872,280	3	52,457	5	11	149,812
Governmental Organizations - TOTAL	19	872,280	3	52,457	5	11	149,812
Private Research Units							
UNITED STATES							
Applied Biomedical Corporation	1	49,982	1	49,982	--	--	--
Massachusetts							
CCS Associates	1	0+	1	0+	--	--	--
Pittsburgh							
Foster-Miller, Inc.	1	247,553	1	247,553	--	--	--
Malthen							
Gulf South Research Institute	2	235,738	2	235,738	--	--	--
Louisiana							
Eaton Rouge							
Gumb's Associates, Inc.	1	41,520	1	41,520	--	--	--
Newark							
Medpacific Corporation	1	50,000	1	50,000	--	--	--
Seattle							
Membrane Technology and Research, Inc.	1	43,761	1	43,761	--	--	--
Manlo Park							
Neuhul Mariculture, Inc.	1	0+	1	0+	--	--	--
Goleta							
UNITED STATES - Total	9	668,554	9	668,554	--	--	--
FOREIGN							
Institute of Dental Research	1	0+	1	0+	--	--	--
Sydney							
FOREIGN - Total	1	0+	1	0+	--	--	--
Private Research Units - TOTAL	10	668,554	10	668,554	--	--	--

+Active without FY 1984 funds.

TABLE 5.-- GRANTS, AWARDS, AND RESEARCH CONTRACTS, BY KIND OF PERFORMING INSTITUTION, FY 1984

Total NIDR

Kind and Name of Performing Institution	No.	TOTAL		Research Grants		Research Contracts		Graduate Training Grants		Fellowships		Research Career Pro-	
		Dollars	No.	Dollars	No.	Dollars	No.	Dollars	No.	Dollars	No.	Dollars	gram Awards
NONACADEMIC INSTITUTIONS													
UNITED STATES													
Hazleton Laboratories America	1	244,869	--	--	1	244,869	--	--	--	--	--	--	--
Vienna													
Litton Bionetics	1	919	--	--	1	919	--	--	--	--	--	--	--
Kensington													
Hastat, Inc.	2	1,694,003	1	194,503	1	1,499,500	--	--	--	--	--	--	--
Rockville													
UNITED STATES - Total	4	1,939,791	1	194,503	3	1,745,288	--	--	--	--	--	--	--
Industry													
- TOTAL	4	1,939,791	1	194,503	3	1,745,288	--	--	--	--	--	--	--
Scientific Evaluations													
UNITED STATES													
U.S. PHS Public Advisory Groups	5	268,950	5	268,950	--	--	--	--	--	--	--	--	--
Bethesda													
UNITED STATES - Total	5	268,950	5	268,950	--	--	--	--	--	--	--	--	--
Scientific Evaluations													
- TOTAL	5	268,950	5	268,950	--	--	--	--	--	--	--	--	--
NONACADEMIC INSTITUTIONS - TOTAL													
	61	5,360,293	41	2,795,182	9	2,415,299	--	--	--	11	149,812	--	--
GRAND TOTAL													
	817	63,587,273	664	55,160,892	22	3,610,820	43	3,036,000	61	815,000	27	964,561	

- +Active without FY 1984 funds.

TABLE 6.-- GRANTS, AWARDS, AND RESEARCH CONTRACTS, BY NAME OF INSTITUTION AND MECHANISM, FY 1984

D024

Total NIDR

Institution and Location	TOTAL		Research Grants		Research Contracts		Graduate Training Grants		Fellowships		Research Career Program Awards	
	No.	Dollars	No.	Dollars	No.	Dollars	No.	Dollars	No.	Dollars	No.	Dollars
UNITED STATES												
American Assn for Dental Research	2	52,788	2	52,788	--	--	--	--	--	--	--	--
Washington Dist of Col												
American Dental Assn Health Fdn	8	706,766	7	706,766	1	0+	--	--	--	--	--	--
Chicago Illinois												
American Dental Association	3	48,598	3	48,598	--	--	--	--	--	--	--	--
Chicago Illinois												
Applied Biomedical Corporation	1	49,982	1	49,982	--	--	--	--	--	--	--	--
Banvers Massachusetts												
Baylor College of Dentistry	3	87,587	3	87,587	--	--	--	--	--	--	--	--
Dallas Texas												
Boston University	2	207,877	2	207,877	--	--	--	--	--	--	--	--
Massachusetts												
Case Western Reserve University	11	562,996	11	562,996	--	--	--	--	--	--	--	--
Cleveland Ohio												
CCS Associates	1	0+	1	0+	--	--	--	--	--	--	--	--
Pittsburgh Pennsylvania												
Central State Univ (Wilberforce, Oh)	1	0+	1	0+	--	--	--	--	--	--	--	--
Wilberforce Ohio												
Children's Hospital (Boston)	2	17,736	1	0+	--	--	--	--	1	17,736	--	--
Boston Massachusetts												
Children's Hospital (Buffalo)	1	77,911	1	77,911	--	--	--	--	--	--	--	--
Buffalo New York												
Children's Hospital of Philadelphia	2	395,897	2	395,897	--	--	--	--	--	--	--	--
Philadelphia Pennsylvania												
Columbia University	10	849,766	8	682,678	--	--	1	126,264	--	--	1	40,824
New York New York												
Cornell College	2	34,337	2	34,337	--	--	--	--	--	--	--	--
Mount Vernon Iowa												
Cornell University Ithaca	1	71,967	1	71,967	--	--	--	--	--	--	--	--
Ithaca New York												
Craigton University	3	206,559	3	206,559	--	--	--	--	--	--	--	--
Omaha Nebraska												
Dartmouth College	1	124,869	1	124,869	--	--	--	--	--	--	--	--
Manover New Hampshire												
Duke University	2	264,294	2	264,294	--	--	--	--	--	--	--	--
Durham North Carolina												
Eastman Dental Center	10	447,759	6	264,976	2	126,746	2	56,037	--	--	--	--
New York New York												
Rochester Georgia	6	230,332	5	215,661	--	--	1	14,671	--	--	--	--
Atlanta												

+Active without FY 1984 funds.

Total NIDR

Institution and Location	No.	TOTAL Dollars	Research Grants		Research Contracts		Graduate Training Grants		Fellowships		Research Career Pro-gram Awards	
			No.	Dollars	No.	Dollars	No.	Dollars	No.	Dollars	No.	Dollars
UNITED STATES												
Fairleigh Dickinson University Teaneck	4	127,009	3	115,338	--	--	1	11,671	--	--	--	--
Florida State University Tallahassee	1	0+	1	0+	--	--	--	--	--	--	--	--
Forreth Dental Center Boston	24	3,996,082	21	3,752,681	1	224,933	--	--	1	18,468	1	0+
Foster-Miller, Inc. Maltham	1	247,553	1	247,553	--	--	--	--	--	--	--	--
Georgetown University Washington	6	232,358	6	232,358	--	--	--	--	--	--	--	--
Georgia Institute of Technology Atlanta	3	319,074	2	260,828	--	--	1	58,246	--	--	--	--
Gordon Research Conference Kingston	2	7,500	2	7,500	--	--	--	--	--	--	--	--
Graduate Hospital (Philadelphia) Philadelphia	1	115,194	1	115,194	--	--	--	--	--	--	--	--
Gulf South Research Institute Baton Rouge	2	235,738	2	235,738	--	--	--	--	--	--	--	--
Gumbs Associates, Inc. Newark	1	41,520	1	41,520	--	--	--	--	--	--	--	--
H. K. Cooper Clinic Lancaster	2	0+	2	0+	--	--	--	--	--	--	--	--
Harvard University Boston	18	1,298,403	8	589,939	--	--	4	593,609	4	67,491	2	47,364
Hazleton Laboratories America Vienna	1	244,869	--	--	1	244,869	--	--	--	--	--	--
Hospital for Special Surgery New York	1	129,558	1	129,558	--	--	--	--	--	--	--	--
Howard University Washington	2	147,583	2	147,583	--	--	--	--	--	--	--	--
Indiana Univ-Purdue Univ at Indianapolis	12	516,445	8	380,714	--	--	2	101,333	1	0+	1	34,398
Indiana University Bloomington	1	7,150	1	7,150	--	--	--	--	--	--	--	--
International Assoc/Machinists/Aerospace Washington	1	3,000	1	3,000	--	--	--	--	--	--	--	--
Iowa State University of Science & Tech Ames	1	102,850	1	102,850	--	--	--	--	--	--	--	--
Jewish Hospital of St. Louis Saint Louis	1	136,303	1	136,303	--	--	--	--	--	--	--	--

- Active without FY 1984 funds.

TABLE 6.-- GRANTS, AWARDS, AND RESEARCH CONTRACTS, BY NAME OF INSTITUTION AND MECHANISM, FY 1984

D024

Total NIDR

Institution and Location	TOTAL		Research Grants		Research Contracts		Graduate Training		Fellowships		Research Career Pro-	
	No.	Dollars	No.	Dollars	No.	Dollars	No.	Dollars	No.	Dollars	No.	Dollars
UNITED STATES												
Johns Hopkins University	3	198,125	2	189,535	--	--	--	--	1	8,590	--	--
Baltimore												
Kent State University at Ohio	1	42,233	1	42,233	--	--	--	--	--	--	--	--
Kent												
Litton Bionetics	1	919	--	--	1	919	--	--	--	--	--	--
Kensington												
Loma Linda University	1	18,468	--	--	--	--	--	--	--	--	--	--
Loma Linda												
Los Angeles County Harbor-Ucla Med Ctr	1	84,682	--	--	--	--	1	84,682	--	--	--	--
Torrance												
Louisiana State Univ Med Ctr New Orleans	7	293,253	7	293,253	--	--	--	--	--	--	--	--
New Orleans												
Louisiana State Univ Med Ctr Shreveport	1	0+	1	0+	--	--	--	--	--	--	--	--
Shreveport												
Loyola University Medical Center	2	68,456	2	68,456	--	--	--	--	--	--	--	--
Maywood												
Marquette University	4	84,017	4	84,017	--	--	--	--	--	--	--	--
Milwaukee												
Massachusetts General Hospital	3	71,349	3	71,349	--	--	--	--	--	--	--	--
Boston												
Medical College of Georgia	13	856,287	12	837,989	--	--	1	18,298	--	--	--	--
Augusta												
Medical University of South Carolina	5	10,643	5	10,643	--	--	--	--	--	--	--	--
Charleston												
Medpacific Corporation	1	50,000	1	50,000	--	--	--	--	--	--	--	--
Seattle												
McHerry Medical College	1	128,999	1	128,999	--	--	--	--	--	--	--	--
Nashville												
Madame Technology and Research, Inc.	1	43,761	1	43,761	--	--	--	--	--	--	--	--
Menlo Park												
Michigan State University	1	76,211	1	76,211	--	--	--	--	--	--	--	--
East Lansing												
National Jewish Hosp & Res Ctr-Nat'l Ast	1	68,857	1	68,857	--	--	--	--	--	--	--	--
Denver												
Neaushul Mariculture, Inc.	1	0+	1	0+	--	--	--	--	--	--	--	--
Goleta												
New Jersey Institute of Technology	1	96,282	1	96,282	--	--	--	--	--	--	--	--
Newark												
New York Medical College	2	159,320	2	159,320	--	--	--	--	--	--	--	--
Valhalla												

+Active without FY 1984 funds.

Total NIDR

Institution and Location	TOTAL		Research Grants		Research Contracts		Graduate Training Grants		Fellowships		Research Career Pro-	
	No.	Dollars	No.	Dollars	No.	Dollars	No.	Dollars	No.	Dollars	gram Awards	No. Dollars
UNITED STATES												
New York University	6	634,048	6	634,048	--	--	--	--	--	--	--	--
New York												
North Dakota State University	1	67,296	1	67,296	--	--	--	--	--	--	--	--
Fargo North Dakota												
Northwestern University	13	801,326	12	709,615	--	--	1	91,711	--	--	--	--
Chicago Illinois												
Ohio State University	6	382,763	6	382,763	--	--	--	--	--	--	--	--
Columbus Ohio												
Oral Roberts University	1	63,800	1	63,800	--	--	--	--	--	--	--	--
Tulsa Oklahoma												
Oregon Health Sciences University	5	315,777	5	315,777	--	--	--	--	--	--	--	--
Portland Oregon												
Oregon State University	1	30,118	1	30,118	--	--	--	--	--	--	--	--
Corvallis Oregon												
Pennsylvania State Univ Hershey Med Ctr	1	0+	1	0+	--	--	--	--	--	--	--	--
Hershey Pennsylvania												
Pennsylvania State University Park	2	179,606	2	179,606	--	--	--	--	--	--	--	--
University Park Pennsylvania												
Purdue University West Lafayette	1	0+	1	0+	--	--	--	--	--	--	--	--
West Lafayette Indiana												
Rensselaer Polytechnic Institute	3	226,302	2	137,310	--	--	1	88,992	--	--	--	--
Troy New York												
Rice University	1	0+	--	--	--	--	--	--	--	--	0+	--
Houston Texas												
Rose-Hulman Institute of Technology	1	12,000	1	12,000	--	--	--	--	--	--	--	--
Terre Haute Indiana												
Southern Illinois Univ at Edwardsville	3	--	3	--	--	--	--	--	--	--	--	--
Edwardsville Illinois												
St. Joseph's Hosp/Med Ctr (Phoenix)	1	0+	1	0+	--	--	--	--	--	--	--	--
Phoenix Arizona												
St. Jude Children's Research Hospital	1	75,815	1	75,815	--	--	--	--	--	--	--	--
Memphis Tennessee												
St. Louis University	1	7,831	1	7,831	--	--	--	--	--	--	--	--
Saint Louis Missouri												
Stanford University	1	0+	--	--	--	--	--	--	1	0+	--	--
Stanford California												
State University New York Stony Brook	9	919,712	8	837,639	1	82,073	--	--	--	--	--	--
Stony Brook New York												
State University of New York at Albany	2	116,472	2	116,472	--	--	--	--	--	--	--	--
Albany New York												

-- +Active without FY 1984 funds.

TABLE 6.-- GRANTS, AWARDS, AND RESEARCH CONTRACTS, BY NAME OF INSTITUTION AND MECHANISM, FY 1984

D024

Total NIDR													
Institution and Location	No.	TOTAL Dollars	Research Grants		Research Contracts		Graduate Training Grants		Fellowships		Research Career Pro- gram Awards		
			No.	Dollars	No.	Dollars	No.	Dollars	No.	Dollars	No.	Dollars	
UNITED STATES													
State University of New York at Buffalo	29	2,848,105	22	2,471,638	1	0+	0+	3	295,887	2	39,756	1	40,824
Buffalo													
Stevens Institute of Technology	1	0+	1	0+									
Hoboken													
Temple University	9	590,945	9	590,945									
Philadelphia													
Texas Agri and Mech Univ College Station	1	49,476	1	49,476									
College Station													
Thomas Jefferson University	4	351,712	3	312,346							1	39,366	
Philadelphia													
Tufts University	3	440,227	3	440,227									
Boston													
Tulane University of Louisiana	1	0+	1	0+									
New Orleans													
U.S. Army Fort Detrick	1	96,085			1	96,085							
Frederick													
U.S. Letterman Army Institute of Res	1	0+			1	0+							
San Francisco													
U.S. National Bureau of Standards	2	511,889	1	15,000	1	496,889							
Gaithersburg													
U.S. National Institutes of Hlth	11	149,812								11	149,812		
Bethesda													
U.S. PHS Hospital	1	0+			1	0+							
San Francisco													
U.S. PHS Navajo Area Indian Health Serv	1	77,037			1	77,037							
Mindou Rock													
U.S. PHS Public Advisory Groups	5	268,950	5	268,950									
Bethesda													
U.S. Uniformed Services Univ of Hlth Sci	1	5,000	1	5,000									
Bethesda													
U.S. Vets Adm'n Med Ctr (Sepulveda, Ca)	1	32,457	1	32,457									
Sepulveda													
Univ of Med/Dent NJ-Rutgers Medical Sch	1	113,028	1	113,028									
Piscataway													
University Hospital (Boston)	1	183,267	1	183,267									
Boston													
University of Alabama in Birmingham	34	4,216,088	20	3,340,785	3	428,628	2	215,842	6	85,161	3	145,672	
Birmingham													
University of California Berkeley	1	177,029	1	177,029									
Berkeley													

+Active without FY 1984 funds.

Total NIDR

Institution and Location	TOTAL		Research Grants		Research Contracts		Graduate Training Grants		Fellowships		Research Career Pro-gram Awards	
	No.	Dollars	No.	Dollars	No.	Dollars	No.	Dollars	No.	Dollars	No.	Dollars
UNITED STATES												
Davis	3	142,589	2	99,497	--	--	--	--	--	--	1	43,092
University of California												
University of California	1	84,046	1	84,046	--	--	--	--	--	--	--	--
University of California	11	582,490	11	582,490	--	--	--	--	--	--	--	--
University of California	1	0+	1	0+	--	--	--	--	--	--	--	--
University of California	2	48,261	2	48,261	--	--	--	--	--	--	--	--
University of California	15	863,782	14	852,779	--	--	1	11,003	--	--	--	--
University of California	2	17,736	1	0+	--	--	--	--	1	17,736	--	--
University of Colorado	7	337,354	7	337,354	--	--	--	--	--	--	--	--
University of Connecticut	38	2,275,700	30	1,808,312	--	--	4	401,128	3	37,704	1	28,556
University of Connecticut	1	0+	1	0+	--	--	--	--	--	--	--	--
University of Denver	3	104,319	2	64,791	--	--	--	--	--	--	1	39,528
University of Detroit	1	20,949	1	20,949	--	--	--	--	--	--	--	--
University of Florida	16	810,696	13	639,057	--	--	1	92,370	--	--	2	79,269
University of Hawaii	1	88,401	1	88,401	--	--	--	--	--	--	--	--
University of Illinois	17	602,872	16	588,701	--	--	1	14,171	--	--	--	--
University of Illinois	2	44,302	2	44,302	--	--	--	--	--	--	--	--
University of Iowa	16	1,928,268	14	1,911,228	--	--	--	--	2	17,040	--	--
University of Kansas	3	100,665	3	100,665	--	--	--	--	--	--	--	--
University of Kentucky	1	157,231	1	157,231	--	--	--	--	--	--	--	--
University of Louisville	6	168,231	5	153,560	--	--	1	14,671	--	--	--	--

-- +Active without FY 1984 funds.

TABLE 6.-- GRANTS, AWARDS, AND RESEARCH CONTRACTS, BY NAME OF INSTITUTION AND MECHANISM, FY 1984

D024

Total NIDR

Institution and Location	No.	TOTAL Dollars	Research Grants		Research Contracts		Graduate Training Grants		Fellowships		Research Career Pro-gram Awards	
			No.	Dollars	No.	Dollars	No.	Dollars	No.	Dollars	No.	Dollars
UNITED STATES												
Drono	1	0+	1	0+	--	--	--	--	--	--	--	--
University of Maine at Drono												
University of Maryland at Baltimore	10	539,190	8	492,284	1	6,406	--	--	--	--	1	40,500
University of Maryland College Park	2	11,377	2	11,377	--	--	--	--	--	--	--	--
University of Massachusetts Amherst	2	96,526	2	96,526	--	--	--	--	--	--	--	--
University of Massachusetts Medical Sch	3	4,336	2	0+	--	--	--	--	1	4,336	--	--
University of Medicine & Dentistry of NJ	3	168,742	3	168,742	--	--	--	--	--	--	--	--
University of Miami	3	246,877	3	246,877	--	--	--	--	--	--	--	--
University of Michigan	2	0+	--	--	2	0+	--	--	--	--	--	--
University of Michigan at Ann Arbor	36	3,782,205	30	3,627,968	--	--	2	73,943	2	0+	2	80,294
University of Minnesota at Minneapolis	1	302,213	--	--	1	302,213	--	--	--	--	--	--
University of Minnesota at Minneapolis-St Paul	18	969,582	15	927,199	--	--	2	24,647	1	17,736	--	--
University of Mississippi	1	45,114	1	45,114	--	--	--	--	--	--	--	--
University of Mississippi Medical Center	8	135,162	7	127,827	--	--	1	7,335	--	--	--	--
University of Missouri Columbia	5	266,970	4	248,502	--	--	--	--	1	18,468	--	--
University of Nebraska Lincoln	2	122,582	2	122,582	--	--	--	--	--	--	--	--
University of Nebraska Medical Center	1	0+	1	0+	--	--	--	--	--	--	--	--
University of New Mexico Albuquerque	2	63,233	2	63,233	--	--	--	--	--	--	--	--
University of North Carolina Chapel Hill	31	2,658,184	23	2,500,295	--	--	1	11,003	6	89,924	1	56,962
University of Oklahoma Health Sciences Ctr	3	197,952	3	197,952	--	--	--	--	--	--	--	--
University of Oklahoma City												
University of Oregon	1	126,476	1	126,476	--	--	--	--	--	--	--	--
Eugene												

+Active without FY 1984 funds.

TABLE 6.-- GRANTS, AWARDS, AND RESEARCH CONTRACTS, BY NAME OF INSTITUTION AND MECHANISM, FY 1984

Total NIDR

Institution and Location	No.	TOTAL Dollars	Research Grants		Research Contracts		Graduate Training Grants		Fellowships		Research Career Pro-gram Awards	
			No.	Dollars	No.	Dollars	No.	Dollars	No.	Dollars	No.	Dollars
UNITED STATES												
University of Pennsylvania	21	3,202,431	15	2,911,704	1	24,522	2	206,608	2	17,736	1	41,861
Philadelphia												
University of Pittsburgh	3	418,966	3	418,966	--	--	--	--	--	--	--	--
Pittsburgh												
University of Rhode Island	2	5,000	2	5,000	--	--	--	--	--	--	--	--
Kingston												
University of Rochester	7	825,522	5	786,162	--	--	--	--	2	39,360	--	--
Rochester												
University of South Florida	1	20,400	1	20,400	--	--	--	--	--	--	--	--
Tampa												
University of Southern California	12	1,365,319	10	1,168,575	--	--	1	156,711	--	--	1	40,033
Los Angeles												
University of Tenn Center Health Scien	4	21,300	3	21,300	--	--	--	--	1	0+	--	--
Memphis												
University of Tennessee Knoxville	1	41,749	1	41,749	--	--	--	--	--	--	--	--
Knoxville												
University of Texas Austin	1	121,697	1	121,697	--	--	--	--	--	--	--	--
Austin												
University of Texas Hlth Sci Ctr Dallas	2	0+	1	0+	--	--	--	--	1	0+	--	--
Dallas												
University of Texas Hlth Sci Ctr Houston	8	252,955	6	178,807	--	--	--	--	1	33,000	1	41,148
Houston												
University of Texas Hlth Sci Ctr San Ant	9	623,146	9	623,146	--	--	--	--	--	--	--	--
San Antonio												
University of Texas San Antonio	1	0+	1	0+	--	--	--	--	--	--	--	--
San Antonio												
University of Texas System Cancer Center	1	33,840	1	33,840	--	--	--	--	--	--	--	--
Houston												
University of the Pacific	2	32,504	2	32,504	--	--	--	--	--	--	--	--
San Francisco												
University of Utah	6	394,868	6	394,868	--	--	--	--	--	--	--	--
Salt Lake City												
University of Vermont & St Agric College	1	99,921	1	99,921	--	--	--	--	--	--	--	--
Burlington												
University of Virginia Charlottesville	2	0+	2	0+	--	--	--	--	--	--	--	--
Charlottesville												
University of Washington	30	4,001,702	21	3,706,525	--	--	4	225,331	4	30,966	1	38,880
Seattle												
University of Wisconsin Madison	2	145,918	1	106,082	--	--	1	39,836	--	--	--	--
Madison												

-- +Active without FY 1984 funds.

TABLE 6.-- GRANTS, AWARDS, AND RESEARCH CONTRACTS, BY NAME OF INSTITUTION AND MECHANISM, FY 1984

Total NIDR												
Institution and Location	TOTAL		Research Grants		Research Contracts		Graduate Trainings		Fellowships		Research Career Pro-	
	No.	Dollars	No.	Dollars	No.	Dollars	No.	Dollars	No.	Dollars	No.	Dollars
UNITED STATES												
Wanderbilt University Nashville	2	132,308	2	132,308	--	--	--	--	--	--	--	--
Virginia Commonwealth University Richmond	13	1,810,162	8	1,688,700	--	--	--	--	2	35,472	3	85,990
Washington University Saint Louis	7	723,739	7	723,739	--	--	--	--	--	--	--	--
West Virginia University Morgantown	3	68,232	3	68,232	--	--	--	--	--	--	--	--
Westat, Inc. Rockville	2	1,694,003	1	194,503	1	1,499,500	--	--	--	--	--	--
Western Washington University Bellingham	1	21,750	1	21,750	--	--	--	--	--	--	--	--
Yale University New Haven	2	182,352	1	149,352	--	--	--	--	1	33,000	--	--
Yeshiva University New York	1	264,679	1	264,679	--	--	--	--	--	--	--	--
UNITED STATES - Total 172 Institutions 806 63,261,121 654 54,851,780 22 3,610,820 43 3,036,000 60 797,960 27 964,561												
FOREIGN												
Göteborg University Sweden	1	68,850	1	68,850	--	--	--	--	--	--	--	--
Hebrew University of Jerusalem Jerusalem	1	50,457	1	50,457	--	--	--	--	--	--	--	--
Institute of Dental Research Sydney	1	0+	1	0+	--	--	--	--	--	--	--	--
Mc Gill University Montreal	1	0+	1	0+	--	--	--	--	--	--	--	--
Tel Aviv University Tel Aviv	1	15,000	1	15,000	--	--	--	--	--	--	--	--
University of British Columbia Vancouver	1	70,521	1	70,521	--	--	--	--	--	--	--	--
University of New South Wales Kensington	1	0+	1	0+	--	--	--	--	--	--	--	--
University of Queensland Brisbane	1	0+	1	6+	--	--	--	--	--	--	--	--
University of Toronto Toronto	3	121,324	2	104,284	--	--	--	--	1	17,040	--	--

+Active without FY 1984 funds.

TABLE 6.-- GRANTS, AWARDS, AND RESEARCH CONTRACTS, BY NAME OF INSTITUTION AND MECHANISM, FY 1984

Total NIDR

Institution and Location	TOTAL No.	TOTAL Dollars	Research Grants		Research Contracts		Graduate Training Grants		Fellowships		Research Career Pro- gram Awards	
			No.	Dollars	No.	Dollars	No.	Dollars	No.	Dollars	No.	Dollars
FOREIGN - Total 9 Institutions	11	326,152	10	309,112	--	--	--	--	1	17,040	--	--
GRAND TOTAL 181 Institutions	817	63,587,273	664	55,160,892	22	3,610,820	43	3,036,000	61	815,000	27	964,561

*Active without FY 1984 funds.

TABLE 7.-- GRANTS, AWARDS, AND RESEARCH CONTRACTS, BY STATE OR COUNTRY AND MECHANISM, FY 1984

DU25

Total NIDR

State or Country	TOTAL No.	TOTAL Dollars	Research Grants No.	Research Grants Dollars	Research Contracts No.	Research Contracts Dollars	Graduate Training Grants No.	Fellowships No.	Fellowships Dollars	Research Career Pro- gram Awards No.	Research Career Pro- gram Awards Dollars	
UNITED STATES												
Alabama	34	4,216,088	20	3,340,785	3	428,628	2	215,842	6	85,161	3	145,672
Arizona	2	77,037	1	0+	1	77,037	-	-	-	-	-	-
California	56	3,475,388	47	3,121,399	2	0+	3	252,396	2	18,468	2	83,125
Colorado	11	510,530	10	471,002	-	-	-	-	-	-	1	39,528
Connecticut	41	2,438,052	32	1,957,664	-	-	-	-	-	-	1	28,556
Dist of Col	11	435,729	11	435,729	-	-	-	-	-	-	-	-
Florida	21	1,077,973	18	906,334	-	-	-	-	-	-	2	79,269
Georgia	22	1,405,693	19	1,314,478	-	-	-	-	-	-	-	-
Hawaii	1	88,401	1	88,401	-	-	-	-	-	-	-	-
Illinois	50	2,290,056	46	2,166,438	1	0+	2	105,882	1	17,736	-	-
Indiana	15	535,595	11	399,864	-	-	2	101,333	1	0+	1	34,398
Iowa	19	2,065,455	17	2,048,415	-	-	-	-	2	17,040	-	-
Kansas	3	100,665	3	100,665	-	-	-	-	-	-	-	-
Kentucky	7	328,462	6	310,791	-	-	1	14,671	-	-	-	-
Louisiana	11	528,991	11	528,991	-	-	-	-	-	-	-	-
Maine	1	0+	0+	0+	-	-	-	-	-	-	-	-
Maryland	38	3,475,350	20	1,176,649	5	2,099,799	-	-	12	158,402	1	40,500
Massachusetts	60	6,613,358	45	5,539,401	1	224,933	4	593,609	7	108,031	3	47,364
Michigan	40	3,879,365	32	3,725,128	2	0+	2	73,943	2	0+	2	80,294
Minnesota	19	1,271,795	15	927,199	1	302,215	2	24,647	1	17,736	-	-
Mississippi	9	180,276	8	172,941	-	-	1	7,335	-	-	-	-
Missouri	14	1,135,843	13	1,116,375	-	-	-	-	1	18,468	-	-
Nebraska	6	329,141	6	329,141	-	-	-	-	-	-	-	-
New Hampshire	1	124,869	1	124,869	-	-	-	-	-	-	-	-
New Jersey	11	546,581	10	534,910	-	-	1	11,671	-	-	-	-
New Mexico	2	63,233	2	63,233	-	-	-	-	-	-	-	-
New York	82	7,571,121	65	6,534,558	4	208,819	7	567,180	4	79,116	2	81,648
North Carolina	33	2,922,478	25	2,764,589	-	-	1	11,003	6	89,924	1	56,962
North Dakota	1	67,296	1	67,296	-	-	-	-	-	-	-	-
Ohio	19	987,992	19	987,992	-	-	-	-	-	-	-	-
Oklahoma	4	261,752	4	261,752	-	-	-	-	-	-	-	-
Oregon	7	472,371	7	472,371	-	-	-	-	-	-	-	-
Pennsylvania	46	5,255,751	39	4,924,658	1	24,522	2	206,608	2	17,736	2	81,227
Rhode Island	4	12,500	4	12,500	-	-	-	-	-	-	-	-
South Carolina	5	10,643	5	10,643	-	-	-	-	-	-	-	-
Tennessee	9	400,171	8	400,171	-	-	-	-	1	0+	-	-
Texas	27	1,168,701	23	1,094,553	-	-	-	-	2	35,000	2	41,148
Utah	6	394,868	6	394,868	-	-	-	-	-	-	-	-
Vermont	1	99,921	1	99,921	-	-	-	-	-	-	-	-
Virginia	16	2,055,031	10	1,688,700	1	244,869	-	-	-	-	3	85,990
Washington	32	4,073,452	23	3,778,275	-	-	4	225,331	4	35,472	1	38,880
West Virginia	3	68,232	3	68,232	-	-	-	-	-	-	-	-

+Active without FY 1984 funds.

Total NIDR

State or Country	TOTAL	Research Grants	Research Contracts	Graduate Training Grants	Fellowships	Research Career Pro-
	No.	No.	No.	No.	No.	gram Awards
	Dollars	Dollars	Dollars	Dollars	Dollars	No. Dollars
UNITED STATES	6	229,935	5	190,099	--	--
Wisconsin						
UNITED STATES - Total	806	63,261,121	654	54,851,780	43	3,036,000
FOREIGN						
Australia	3	--	3	--	--	--
Canada	5	191,845	4	174,805	--	--
Israel	2	65,457	2	65,457	1	17,040
Sueden	1	68,850	1	68,850	--	--
FOREIGN - Total	11	326,152	10	309,112	--	17,040
GRAND TOTAL - 43 States & Countries	817	63,587,273	664	55,160,892	43	3,036,000
					61	815,000
					27	964,561

+Active without FY 1984 funds.

TABLE 8.-- GRANTS, AWARDS, AND RESEARCH CONTRACTS, BY STATE OR COUNTRY, NAME OF INSTITUTION, AND MECHANISM, FY 1984

D026

Total NIDR

State, Institution, and City	No.	TOTAL		Research Grants		Research Contracts		Graduate Training Grants		Fellowships		Research Career Program Awards	
		No.	Dollars	No.	Dollars	No.	Dollars	No.	Dollars	No.	Dollars	No.	Dollars
UNITED STATES													
ALABAMA													
University of Alabama in Birmingham	34		4,216,088	20	3,340,785	3	428,628	2	215,842	6	85,161	3	145,672
- Total	34		4,216,088	20	3,340,785	3	428,628	2	215,842	6	85,161	3	145,672
ARIZONA													
St. Joseph's Hosp/Med Ctr (Phoenix)	1		0+	1	0+	--	--	--	--	--	--	--	--
Phoenix													
U.S. PHS Navajo Area Indian Health Serv	1		77,037	--	--	1	77,037	--	--	--	--	--	--
Hindow Rock													
- Total	2		77,037	1	0+	1	77,037	--	--	--	--	--	--
CALIFORNIA													
Loma Linda University	1		18,468	--	--	--	--	--	--	1	18,468	--	--
Loma Linda													
Los Angeles County Harbor-Ucla Med Ctr	1		84,682	--	--	--	--	1	84,682	--	--	--	--
Torrance													
Membrane Technology and Research, Inc.	1		43,761	1	43,761	--	--	--	--	--	--	--	--
Menlo Park													
Neushul Mariculture, Inc.	1		0+	1	0+	--	--	--	--	--	--	--	--
Goleta													
Stanford University	1		0+	--	--	--	--	--	--	1	0+	--	--
Stanford													
U.S. Letterman Army Institute of Res	1		0+	--	--	1	0+	--	--	--	--	--	--
San Francisco													
U.S. PHS Hospital	1		0+	--	--	1	0+	--	--	--	--	--	--
San Francisco													
U.S. Vets Admin Med Ctr (Sepulveda, Ca)	1		32,457	1	32,457	--	--	--	--	--	--	--	--
Sepulveda													
University of California Berkeley	1		177,029	1	177,029	--	--	--	--	--	--	--	--
Berkeley													
University of California Davis	3		142,589	2	99,497	--	--	--	--	--	--	1	43,092
Davis													
University of California Irvine	1		84,046	1	84,046	--	--	--	--	--	--	--	--
Irvine													

+Active without FY 1984 funds.

TABLE 8.-- GRANTS, AWARDS, AND RESEARCH CONTRACTS, BY STATE OR COUNTRY, NAME OF INSTITUTION, AND MECHANISM, FY 1984

Total NIDR

State, Institution, and City	No.	TOTAL Dollars	Research Grants No.	Research Contracts No.	Graduate Training Grants No.	Fellowships No.	Research Career Pro- gram Awards No.
UNITED STATES							
DIST OF COL							
American Assn for Dental Research	2	52,788	2				
Washington							
Georgetown University	6	232,358	6				
Washington							
Howard University	2	147,583	2				
Washington							
International Assoc/Machinists/Aerospace	1	3,000	1				
Washington							
DIST OF COL - Total	11	435,729	11				
FLORIDA							
Florida State University	1	0+	1				
Tallahassee							
University of Florida	16	810,696	13		1	92,370	2
Gainesville							79,269
University of Miami	3	246,877	3				
Miami							
University of South Florida	1	20,400	1				
Tampa							
FLORIDA - Total	21	1,077,973	18		1	92,370	2
79,269							
GEORGIA							
Emory University	6	230,332	5				
Atlanta					1	14,671	
Georgia Institute of Technology	3	319,074	2		1	58,246	
Atlanta							
Medical College of Georgia	13	856,287	12		1	18,298	
Augusta							
GEORGIA - Total	22	1,405,693	19		3	91,215	
HAWAII							
University of Hawaii at Manoa	1	88,401	1				
Honolulu							
+Active without FY 1984 funds.							

TABLE 8.-- GRANTS, AWARDS, AND RESEARCH CONTRACTS, BY STATE OR COUNTRY, NAME OF INSTITUTION, AND MECHANISM, FY 1984

Total NIDR									
State, Institution, and City	No.	TOTAL Dollars	Research Grants No.	Research Grants Dollars	Research Contracts No.	Research Contracts Dollars	Graduate Training No.	Fellowships No.	Research Career Pro- gram Awards No.
HAWAII	1	88,401	1	88,401	--	--	--	--	--
- Total									
UNITED STATES									
ILLINOIS									
American Dental Assn Health Fdn Chicago	8	706,766	7	706,766	1	0+	--	--	--
American Dental Association Chicago	3	48,598	3	48,598	--	--	--	--	--
Loyola University Medical Center Maywood	2	68,456	2	68,456	--	--	--	--	--
Northwestern University Evanston	13	801,326	12	709,615	--	--	1	91,711	--
Southern Illinois Univ at Edwardsville Edwardsville	3	--	3	--	--	--	--	--	--
University of Chicago Chicago	2	17,736	1	0+	--	--	--	1	17,736
University of Illinois at Chicago Chicago	17	602,872	16	588,701	--	--	1	14,171	--
University of Illinois Urbana-Champaign Urbana	2	44,302	2	44,302	--	--	--	--	--
- Total	50	2,290,056	46	2,166,438	1	0+	2	105,882	1
ILLINOIS									
INDIANA									
Indiana Univ-Purdue Univ at Indianapolis Indianapolis	12	516,445	8	380,714	--	--	2	101,333	1
Indiana University Bloomington	1	7,150	1	7,150	--	--	--	--	--
Purdue University West Lafayette West Lafayette	1	0+	1	0+	--	--	--	--	--
Rose-Hulman Institute of Technology Terre Haute	1	12,000	1	12,000	--	--	--	--	--
- Total	15	535,595	11	399,864	--	--	2	101,333	1
INDIANA									
- Total									

+Active without FY 1984 funds.

TABLE 8.-- GRANTS, AWARDS, AND RESEARCH CONTRACTS, BY STATE OR COUNTRY, NAME OF INSTITUTION, AND MECHANISM, FY 1984

D026

Total NIDR

State, Institution, and City	TOTAL		Research Grants		Research Contracts		Graduate Training Grants		Fellowships		Research Career Pro-	
	No.	Dollars	No.	Dollars	No.	Dollars	No.	Dollars	No.	Dollars	gram Awards	No. Dollars
UNITED STATES												
IOA												
Cornell College	2	34,337	2	34,337	--	--	--	--	--	--	--	--
Mount Vernon												
Iowa State University of Science & Tech	1	102,850	1	102,850	--	--	--	--	--	--	--	--
Ames												
University of Iowa	16	1,928,268	14	1,911,228	--	--	--	--	2	17,040	--	--
Iowa City												
IOA - Total	19	2,065,455	17	2,048,415	--	--	--	--	2	17,040	--	--
KANSAS												
University of Kansas Col Hlth Sci & Hosp	3	100,665	3	100,665	--	--	--	--	--	--	--	--
Kansas City												
KANSAS - Total	3	100,665	3	100,665	--	--	--	--	--	--	--	--
KENTUCKY												
University of Kentucky	1	157,231	1	157,231	--	--	--	--	--	--	--	--
Lexington												
University of Louisville	6	168,231	5	153,560	--	--	1	14,671	--	--	--	--
Louisville												
KENTUCKY - Total	7	325,462	6	310,791	--	--	1	14,671	--	--	--	--
LOUISIANA												
Gulf South Research Institute												
Baton Rouge	2	235,738	2	235,738	--	--	--	--	--	--	--	--
Louisiana State Univ Med Ctr New Orleans												
New Orleans	7	293,253	7	293,253	--	--	--	--	--	--	--	--
Louisiana State Univ Med Ctr Shreveport												
Shreveport	1	0+	1	0+	--	--	--	--	--	--	--	--
Tulane University of Louisiana												
New Orleans	1	0+	1	0+	--	--	--	--	--	--	--	--
LOUISIANA - Total	11	528,991	11	528,991	--	--	--	--	--	--	--	--

+Active without FY 1984 funds.

TABLE 8.-- GRANTS, AWARDS, AND RESEARCH CONTRACTS, BY STATE OR COUNTRY, NAME OF INSTITUTION, AND MECHANISM, FY 1984

Total NIDR									
State, Institution, and City	No.	TOTAL Dollars	Research Grants No.	Research Grants Dollars	Research Contracts No.	Research Contracts Dollars	Graduate Training Grants No.	Fellowships No.	Research Career Pro- gram Awards No.
UNITED STATES									
MAINE									
University of Maine at Orono	1	0+	1	0+	--	--	--	--	--
- Total	1	0+	1	0+	--	--	--	--	--
MARYLAND									
Johns Hopkins University	3	198,125	2	189,535	--	--	--	1	8,590
Baltimore									
Littton Bionetics	1	919	--	--	1	919	--	--	--
U.S. Army Fort Detrick	1	96,085	--	--	1	96,085	--	--	--
Frederick									
U.S. National Bureau of Standards	2	511,889	1	15,000	1	496,889	--	--	--
Gaithersburg									
U.S. National Institutes of Hlth	11	149,812	--	--	--	--	--	11	149,812
Bethesda									
U.S. PHS Public Advisory Groups	5	268,950	5	268,950	--	--	--	--	--
Bethesda									
U.S. Uniformed Services Univ of Hlth Sci	1	5,000	1	5,000	--	--	--	--	--
Bethesda									
University of Maryland at Baltimore	10	539,190	8	492,284	1	6,406	--	--	40,500
Baltimore									
University of Maryland College Pk Campus	2	11,377	2	11,377	--	--	--	--	--
College Park									
Hestat, Inc.	2	1,694,003	1	194,503	1	1,499,500	--	--	--
Rockville									
- Total	38	3,475,350	20	1,176,649	5	2,099,799	--	12	158,402
MARYLAND									40,500
MASSACHUSETTS									
Applied Biomedical Corporation	1	49,982	1	49,982	--	--	--	--	--
Danvers									
Boston University	2	207,877	2	207,877	--	--	--	--	--
Boston									
Children's Hospital (Boston)	2	17,736	1	0+	--	--	--	1	17,736
Boston									

+Active without FY 1984 funds.

TABLE 8.-- GRANTS, AWARDS, AND RESEARCH CONTRACTS, BY STATE OR COUNTRY, NAME OF INSTITUTION, AND MECHANISM, FY 1984

D026

Total NIDR

State, Institution, and City	No.	TOTAL Dollars	Research Grants		Research Contracts		Graduate Training Grants		Fellowships		Research Career Pro-gram Awards	
			No.	Dollars	No.	Dollars	No.	Dollars	No.	Dollars	No.	Dollars
UNITED STATES												
MASSACHUSETTS												
Forsyth Dental Center	24	3,996,082	21	3,752,681	1	224,933	--	--	1	18,468	1	0+
Boston												
Foster-Miller, Inc.	1	247,553	1	247,553	--	--	--	--	--	--	--	--
Haltham												
Harvard University	18	1,298,403	8	589,939	--	--	4	593,609	4	67,491	2	47,364
Massachusetts General Hospital	3	71,349	3	71,349	--	--	--	--	--	--	--	--
Boston												
Tufts University	3	440,227	3	440,227	--	--	--	--	--	--	--	--
Boston												
University Hospital (Boston)	1	183,267	1	183,267	--	--	--	--	--	--	--	--
Boston												
University of Massachusetts Amherst	2	96,526	2	96,526	--	--	--	--	--	--	--	--
Amherst												
University of Massachusetts Medical Sch	3	4,336	2	0+	--	--	--	--	1	4,336	--	--
Worcester												
MASSACHUSETTS - Total	60	6,613,338	45	5,639,401	1	224,933	4	593,609	7	108,031	3	47,364
MICHIGAN												
Michigan State University	1	76,211	1	76,211	--	--	--	--	--	--	--	--
East Lansing												
University of Detroit	1	20,949	1	20,949	--	--	--	--	--	--	--	--
Detroit												
University of Michigan	2	0+	--	--	2	0+	--	--	--	--	--	--
Ann Arbor												
University of Michigan at Ann Arbor	36	3,782,205	30	3,627,968	--	--	2	73,943	2	0+	2	80,294
Ann Arbor												
MASSACHUSETTS - Total	40	3,879,365	32	3,725,128	2	0+	2	73,943	2	0+	2	80,294
MICHIGAN												
MINNESOTA												
University of Minnesota at Minneapolis	1	302,213	--	--	1	302,213	--	--	--	--	--	--
Minneapolis												
University of Minnesota of Mpls-St Paul	18	969,582	15	927,199	--	--	2	24,647	1	17,736	--	--
Minneapolis												
MINNESOTA - Total	19	1,271,795	15	927,199	1	302,213	2	24,647	1	17,736	--	--

+Active without FY 1984 funds.

TABLE 8.-- GRANTS, AWARDS, AND RESEARCH CONTRACTS, BY STATE OR COUNTRY, NAME OF INSTITUTION, AND MECHANISM, FY 1984

Total NIDR													
		TOTAL		Research Grants		Research Contracts		Graduate Training Grants		Fellowships		Research Career Pro-	
		No.	Dollars	No.	Dollars	No.	Dollars	No.	Dollars	No.	Dollars	No.	Dollars
State, Institution, and City													
UNITED STATES													
MISSISSIPPI													
University of Mississippi		1	45,114		45,114		--		--		--		--
University of Mississippi Medical Center		8	135,162		127,827		--	1	7,335		--		--
Jackson													
MISSISSIPPI - Total		9	180,276	8	172,941		--	1	7,335		--		--
MISSOURI													
Jewish Hospital of St. Louis		1	136,303	1	136,303		--		--		--		--
Saint Louis													
St. Louis University		1	7,831	1	7,831		--		--		--		--
University of Missouri Columbia		5	266,970	4	248,502		--		--	1	18,468		--
Columbia													
Washington University		7	723,739	7	723,739		--		--		--		--
Saint Louis													
MISSOURI - Total		14	1,134,843	13	1,116,375		--		--	1	18,468		--
NEBRASKA													
Creighton University		3	206,559	3	206,559		--		--		--		--
Omaha													
University of Nebraska Lincoln		2	122,582	2	122,582		--		--		--		--
Lincoln													
University of Nebraska Medical Center		1	0+	1	0+		--		--		--		--
Omaha													
NEBRASKA - Total		6	329,141	6	329,141		--		--		--		--
NEW HAMPSHIRE													
Dartmouth College		1	124,869	1	124,869		--		--		--		--
Hanover													
NEW HAMPSHIRE - Total		1	124,869	1	124,869		--		--		--		--

D026 TABLE 8.-- GRANTS, AWARDS, AND RESEARCH CONTRACTS, BY STATE OR COUNTRY, NAME OF INSTITUTION, AND MECHANISM, FY 1984

Total NIDR													

+Active without FY 1984 funds.

TABLE 8.-- GRANTS, AWARDS, AND RESEARCH CONTRACTS, BY STATE OR COUNTRY, NAME OF INSTITUTION, AND MECHANISM, FY 1984

Total NIDR													
State, Institution, and City	No.	TOTAL		Research Grants		Research Contracts		Graduate Training Grants		Fellowships		Research Career Pro-gram Awards	
		No.	Dollars	No.	Dollars	No.	Dollars	No.	Dollars	No.	Dollars	No.	Dollars
UNITED STATES													
NEW YORK													
Rensselaer Polytechnic Institute Troy	3	226,302	2	137,310	--	--	1	88,992	--	--	--	--	--
State University New York Stony Brook	9	919,712	8	837,639	1	82,073	--	--	--	--	--	--	--
State University of New York at Albany	2	116,472	2	116,472	--	--	--	--	--	--	--	--	--
State University of New York at Buffalo	29	2,848,105	22	2,471,638	1	0+	3	295,887	2	39,756	1	40,824	--
University of Rochester	7	825,522	5	786,162	--	--	--	--	--	2	39,360	--	--
Yeshiva University	1	264,679	1	264,679	--	--	--	--	--	--	--	--	--
New York	82	7,571,121	65	6,634,358	4	208,819	7	567,180	4	79,116	2	81,648	--
NEW YORK - Total													
NORTH CAROLINA													
Duke University	2	264,294	2	264,294	--	--	--	--	--	--	--	--	--
Durham	31	2,658,184	23	2,500,295	--	--	1	11,003	6	89,924	1	56,962	--
University of North Carolina Chapel Hill	33	2,922,478	25	2,764,589	--	--	1	11,003	6	89,924	1	56,962	--
NORTH CAROLINA - Total													
NORTH DAKOTA													
North Dakota State University	1	67,296	1	67,296	--	--	--	--	--	--	--	--	--
Fargo	1	67,296	1	67,296	--	--	--	--	--	--	--	--	--
NORTH DAKOTA - Total													
OHIO													
Case Western Reserve University	11	562,996	11	562,996	--	--	--	--	--	--	--	--	--
Cleveland	1	0+	1	0+	--	--	--	--	--	--	--	--	--
Central State Univ (Wilberforce, Oh)	1	42,233	1	42,233	--	--	--	--	--	--	--	--	--
Wilberforce	1	42,233	1	42,233	--	--	--	--	--	--	--	--	--
Kent State University at Kent													
Kent													
Active without FY 1984 funds.													

+Active without FY 1984 funds.

TABLE 3.-- GRANTS, AWARDS, AND RESEARCH CONTRACTS, BY STATE OR COUNTRY, NAME OF INSTITUTION, AND MECHANISM, FY 1984

D026

		Total NIDR									
		TOTAL		Research Grants		Research Contracts		Graduate Training Grants		Fellowships	
		No.	Dollars	No.	Dollars	No.	Dollars	No.	Dollars	No.	Dollars
State, Institution, and City											
UNITED STATES											
OHIO											
Ohio State University		6	382,763	6	382,763	--	--	--	--	--	--
Columbus											
OHIO		19	987,992	19	987,992	--	--	--	--	--	--
- Total											
OKLAHOMA											
Oral Roberts University		1	63,800	1	63,800	--	--	--	--	--	--
Tulsa											
University of Oklahoma With Sciences Ctr		3	197,952	3	197,952	--	--	--	--	--	--
Oklahoma City											
OKLAHOMA		4	261,752	4	261,752	--	--	--	--	--	--
- Total											
OREGON											
Oregon Health Sciences University		5	315,777	5	315,777	--	--	--	--	--	--
Portland											
Oregon State University		1	30,118	1	30,118	--	--	--	--	--	--
Corvallis											
University of Oregon		1	126,476	1	126,476	--	--	--	--	--	--
Eugene											
OREGON		7	472,371	7	472,371	--	--	--	--	--	--
- Total											
PENNSYLVANIA											
CCS Associates		1	0+	1	0+	--	--	--	--	--	--
Pittsburgh											
Children's Hospital of Philadelphia		2	395,897	2	395,897	--	--	--	--	--	--
Philadelphia											
Graduate Hospital (Philadelphia)		1	115,194	1	115,194	--	--	--	--	--	--
Philadelphia											
H. K. Cooper Clinic		2	0+	2	0+	--	--	--	--	--	--
Lancaster											
Pennsylvania State Univ Hershey Med Ctr		1	0+	1	0+	--	--	--	--	--	--
Hershey											
Pennsylvania State University Park		2	179,606	2	179,606	--	--	--	--	--	--
University Park											

+Active without FY 1984 funds.

TABLE 8.-- GRANTS, AWARDS, AND RESEARCH CONTRACTS, BY STATE OR COUNTRY, NAME OF INSTITUTION, AND MECHANISM, FY 1984

Total NIDR

State, Institution, and City	TOTAL No. Dollars	Research Grants No. Dollars	Research Contracts No. Dollars	Graduate Training Grants No. Dollars	Fellowships No. Dollars	Research Career Pro- gram Awards No. Dollars
UNITED STATES						
PENNSYLVANIA						
State, Institution, and City						
Temple University Philadelphia	9 590,945	9 590,945	--	--	--	--
Thomas Jefferson University Philadelphia	4 351,712	3 312,346	--	--	--	1 39,366
University of Pennsylvania Philadelphia	21 3,202,431	15 2,911,704	1 24,522	2 206,608	2 17,736	1 41,861
University of Pittsburgh Pittsburgh	3 418,966	3 418,966	--	--	--	--
PENNSYLVANIA - Total	46 5,254,751	39 4,924,658	1 24,522	2 206,608	2 17,736	2 81,227
RHODE ISLAND						
Gordon Research Conferences Kingston	2 7,500	2 7,500	--	--	--	--
University of Rhode Island Kingston	2 5,000	2 5,000	--	--	--	--
RHODE ISLAND - Total	4 12,500	4 12,500	--	--	--	--
SOUTH CAROLINA						
Medical University of South Carolina Charleston	5 10,643	5 10,643	--	--	--	--
SOUTH CAROLINA - Total	5 10,643	5 10,643	--	--	--	--
TENNESSEE						
Meherry Medical College Nashville	1 128,999	1 128,999	--	--	--	--
St. Jude Children's Research Hospital Memphis	1 75,815	1 75,815	--	--	--	--
University of Tenn Center Health Scien Memphis	4 21,300	3 21,300	--	--	1 0+	--
University of Tennessee Knoxville Knoxville	1 41,749	1 41,749	--	--	--	--
Vanderbilt University Nashville	2 132,308	2 132,308	--	--	--	--

+Active without FY 1984 funds.

TABLE 8.-- GRANTS, AWARDS, AND RESEARCH CONTRACTS, BY STATE OR COUNTRY, NAME OF INSTITUTION, AND MECHANISM, FY 1984

Total NIDR											
State, Institution, and City		TOTAL		Research Grants		Research Contracts		Graduate Training Grants		Research Career Pro-grams Awards	
No.	Dollars	No.	Dollars	No.	Dollars	No.	Dollars	No.	Dollars	No.	Dollars
TENNESSEE		9	400,171	8	400,171	--	--	--	1	0+	--
- Total											
UNITED STATES											
TEXAS											
Baylor College of Dentistry											
Dallas											
Houston											
Rice University											
Texas Agri and Mech Univ College Station											
College Station											
University of Texas Austin											
Austin											
University of Texas With Sci Ctr Dallas											
Dallas											
University of Texas With Sci Ctr Houston											
Houston											
University of Texas With Sci Ctr San Ant											
San Antonio											
University of Texas San Antonio											
San Antonio											
University of Texas System Cancer Center											
Houston											
- Total											
TEXAS											
UTAH											
University of Utah											
Salt Lake City											
- Total											
UTAH											
VERMONT											
University of Vermont & St Agric College											
Burlington											
- Total											
VERMONT											

+Active without FY 1984 funds.

TABLE 8.-- GRANTS, AWARDS, AND RESEARCH CONTRACTS, BY STATE OR COUNTRY, NAME OF INSTITUTION, AND MECHANISM, FY 1984

Total NIDR

State, Institution, and City	TOTAL		Research Grants		Research Contracts		Graduate Training Grants		Fellowships		Research Career Pro-gram Awards		
	No.	Dollars	No.	Dollars	No.	Dollars	No.	Dollars	No.	Dollars	No.	Dollars	
UNITED STATES													
VIRGINIA													
Hazleton Laboratories America	1	244,869	--	--	1	244,869	--	--	--	--	--	--	
University of Virginia Charlottesville	2	0+	2	0+	--	--	--	--	--	--	--	--	
Charlottesville													
Virginia Commonwealth University	13	1,810,162	8	1,688,700	--	--	--	--	--	2	35,472	3	85,990
Richmond													
VIRGINIA - Total	16	2,055,031	10	1,688,700	1	244,869	--	--	--	2	35,472	3	85,990
WASHINGTON													
Medpacific Corporation	1	50,000	1	50,000	--	--	--	--	--	--	--	--	
Seattle													
University of Washington	30	4,001,702	21	3,706,525	--	--	4	225,331	4	30,966	1	38,880	
Seattle													
Western Washington University	1	21,750	1	21,750	--	--	--	--	--	--	--	--	
Bellingham													
WASHINGTON - Total	32	4,073,452	23	3,778,275	--	--	4	225,331	4	30,966	1	38,880	
WEST VIRGINIA													
West Virginia University	3	68,232	3	68,232	--	--	--	--	--	--	--	--	
Morgantown													
WEST VIRGINIA - Total	3	68,232	3	68,232	--	--	--	--	--	--	--	--	
WISCONSIN													
Marquette University	4	84,017	4	84,017	--	--	--	--	--	--	--	--	
Milwaukee													
University of Wisconsin Madison	2	165,918	1	106,082	--	--	1	39,836	--	--	--	--	
Madison													
WISCONSIN - Total	6	229,935	5	190,099	--	--	1	39,836	--	--	--	--	
UNITED STATES - Total	806	63,261,121	654	54,851,780	22	3,610,820	43	3,036,000	60	797,960	27	964,561	

*Active without FY 1984 funds.

TABLE 8.-- GRANTS, AWARDS, AND RESEARCH CONTRACTS, BY STATE OR COUNTRY, NAME OF INSTITUTION, AND MECHANISM, FY 1984

Total NIDR

State, Institution, and City	TOTAL No. Dollars	Research Grants No. Dollars	Research Contracts No. Dollars	Graduate Training Grants No. Dollars	Fellowships No. Dollars	Research Career Pro- gram Awards No. Dollars
FOREIGN						
AUSTRALIA						
Institute of Dental Research Sydney	1 0+	1 0+	0+	--	--	--
University of New South Wales Kensington	1 0+	1 0+	0+	--	--	--
University of Queensland Brisbane	1 0+	1 0+	0+	--	--	--
AUSTRALIA - Total	3 --	3 --	--	--	--	--
CANADA						
Mc Gill University Montreal	1 0+	1 0+	0+	--	--	--
University of British Columbia Vancouver	1 70,521	1 70,521	--	--	--	--
University of Toronto Toronto	3 121,324	2 104,284	--	--	1 17,040	--
CANADA - Total	5 191,845	4 174,805	--	--	1 17,040	--
ISRAEL						
Hebrew University of Jerusalem Jerusalem	1 50,457	1 50,457	--	--	--	--
Tel Aviv University Tel Aviv	1 15,000	1 15,000	--	--	--	--
ISRAEL - Total	2 65,457	2 65,457	--	--	--	--
SWEDEN						
Gothenburg University Gothenburg	1 68,850	1 68,850	--	--	--	--
SWEDEN - Total	1 68,850	1 68,850	--	--	--	--
FOREIGN - Total	11 326,152	10 309,112	--	--	1 17,040	--
GRAND TOTAL	817 65,587,273	664 55,160,892	22 3,610,820	43 3,036,000	61 815,000	27 964,561

+Active without FY 1984 funds.

TABLE 9.-- INSTITUTIONS AWARDED GRANTS, AWARDS, AND RESEARCH CONTRACTS,
BY RANK ORDER OF AMOUNT AWARDED, FY 1984

Total NIDR

Rank	Institution	City	State or Country	No. of Grants Awards & Contracts	Amount Awarded
UNITED STATES					
1	University of Alabama in Birmingham	Birmingham	Alabama	34	4,216,088
2	University of Washington	Seattle	Washington	30	4,001,702
3	Forsyth Dental Center	Boston	Massachusetts	24	3,996,082
4	University of Michigan at Ann Arbor	Ann Arbor	Michigan	36	3,782,205
5	University of Pennsylvania	Philadelphia	Pennsylvania	21	3,202,431
6	State University of New York at Buffalo	Buffalo	New York	29	2,848,105
7	University of North Carolina Chapel Hill	Chapel Hill	North Carolina	31	2,658,184
8	University of Connecticut Health Center	Farmington	Connecticut	38	2,275,700
9	University of Iowa	Iowa City	Iowa	16	1,928,268
10	Virginia Commonwealth University	Richmond	Virginia	13	1,810,162
11	Westat, Inc.	Rockville	Maryland	2	1,694,003
12	University of Southern California	Los Angeles	California	12	1,365,319
13	Harvard University	Boston	Massachusetts	18	1,298,403
14	University of Minnesota of Mpls-St Paul	Minneapolis	Minnesota	18	965,582
15	State University New York Stony Brook	Stony Brook	New York	9	919,712
16	University of California San Francisco	San Francisco	California	15	863,782
17	Medical College of Georgia	Augusta	Georgia	13	856,287
18	Columbia University	New York	New York	10	849,766
19	University of Rochester	Rochester	New York	7	825,522
20	University of Florida	Gainesville	Florida	16	810,696
21	Northwestern University	Chicago	Illinois	13	801,326
22	Washington University	St. Louis	Missouri	7	723,739
23	American Dental Assn Health Fdn	Chicago	Illinois	8	706,766
24	New York University	New York	New York	6	636,048
25	University of Texas With Sci Ctr San Ant	San Antonio	Texas	9	623,146
26	University of Illinois at Chicago	Chicago	Illinois	17	602,872
27	Temple University	Philadelphia	Pennsylvania	9	590,945
28	University of California Los Angeles	Los Angeles	California	11	582,490
29	Case Western Reserve University	Cleveland	Ohio	11	562,996
30	University of Maryland at Baltimore	Baltimore	Maryland	10	539,190
31	Indiana Univ-Purdue Univ at Indianapolis	Indianapolis	Indiana	12	516,445
32	U.S. National Bureau of Standards	Gaithersburg	Maryland	2	511,889
33	Eastman Dental Center	Rochester	New York	10	447,759
34	Tufts University	Boston	Massachusetts	3	440,227
35	University of Pittsburgh	Pittsburgh	Pennsylvania	3	418,966
36	Children's Hospital of Philadelphia	Philadelphia	Pennsylvania	2	395,897
37	University of Utah	Salt Lake City	Utah	6	394,868
38	Ohio State University	Columbus	Ohio	6	382,763
39	Thomas Jefferson University	Philadelphia	Pennsylvania	6	351,712
40	University of Colorado Hlth Sciences Ctr	Denver	Colorado	4	337,354
41	Georgia Institute of Technology	Atlanta	Georgia	7	319,074
42	Oregon Health Sciences University	Portland	Oregon	3	315,777
43	University of Minnesota at Minneapolis	Minneapolis	Minnesota	1	302,213
44	Louisiana State Univ Med Ctr New Orleans	New Orleans	Louisiana	7	293,253
45	U.S. PHS Public Advisory Groups	Bethesda	Maryland	5	268,950
46	University of Missouri Columbia	Columbia	Missouri	5	266,970

*Active without FY 1984 funds.

TABLE 9.-- INSTITUTIONS AWARDED GRANTS, AWARDS, AND RESEARCH CONTRACTS,
BY RANK ORDER OF AMOUNT AWARDED, FY 1984

Rank	Institution	City	State or Country	No. of Grants Awards & Contracts	Amount Awarded
=====					
UNITED STATES					
47	Yeshiva University	New York	New York	1	264,679
48	Duke University	Durham	North Carolina	2	264,294
49	University of Texas Hlth Sci Ctr Houston	Houston	Texas	8	252,955
50	Foster-Miller, Inc.	Waltham	Massachusetts	1	247,555
51	University of Miami	Miami	Florida	3	246,877
52	Hazleton Laboratories America	Vienna	Virginia	1	244,869
53	Gulf South Research Institute	Baton Rouge	Louisiana	2	235,738
54	Georgetown University	Washington	Dist of Col	1	235,358
55	Emory University	Atlanta	Georgia	6	235,332
56	Rensselaer Polytechnic Institute	Troy	New York	3	228,302
57	Boston University	Boston	Massachusetts	2	207,877
58	Craigdon University	Omaha	Nebraska	3	206,559
59	Johns Hopkins University	Baltimore	Maryland	3	198,125
60	University of Oklahoma Hlth Sciences Ctr	Oklahoma City	Oklahoma	3	191,952
61	University Hospital (Boston)	Boston	Massachusetts	1	181,267
62	Yale University	New Haven	Connecticut	2	182,352
63	Pennsylvania State University Park	University Park	Pennsylvania	2	179,606
64	University of California Berkeley	Berkeley	California	1	177,029
65	University of Medicine & Dentistry of NJ	Newark	New Jersey	3	168,742
66	University of Louisville	Louisville	Kentucky	6	168,231
67	New York Medical College	Valhalla	New York	2	159,320
68	University of Kentucky	Lexington	Kentucky	1	157,231
69	U.S. National Institutes of Hlth	Bethesda	Maryland	11	149,812
70	Koward University	Washington	Dist of Col	2	147,583
71	University of Wisconsin Madison	Madison	Wisconsin	3	145,918
72	University of California Davis	Davis	California	3	142,589
73	Jewish Hospital of St. Louis	Saint Louis	Missouri	1	136,303
74	University of Mississippi Medical Center	Jackson	Mississippi	8	135,162
75	Vanderbilt University	Nashville	Tennessee	2	132,508
76	Hospital for Special Surgery	New York	New York	1	129,558
77	Meahery Medical College	Nashville	Tennessee	1	128,999
78	Fairleigh Dickinson University Teaneck	Teaneck	New Jersey	4	127,009
79	University of Oregon	Eugene	Oregon	1	126,476
80	Dartmouth College	Hanover	New Hampshire	1	124,869
81	University of Nebraska Lincoln	Lincoln	Nebraska	2	122,582
82	University of Texas Austin	Austin	Texas	1	121,697
83	State University of New York at Albany	Albany	New York	2	116,472
84	Graduate Hospital (Philadelphia)	Philadelphia	Pennsylvania	1	115,194
85	University of Denver	Piscataway	New Jersey	1	113,028
86	University of Science & Tech	Denver	Colorado	3	104,319
87	Iowa State University	Anes	Iowa	1	102,850
88	University of Kansas Col Hlth Sci & Hosp	Kansas City	Kansas	3	100,665
89	University of Vermont & St Agric College	Burlington	Vermont	1	99,921
90	University of Massachusetts Amherst	Amherst	Massachusetts	2	96,526
91	New Jersey Institute of Technology	Newark	New Jersey	1	96,282
92	U.S. Army Fort Detrick	Frederick	Maryland	1	96,085

Total NIDR

TABLE 9. -- INSTITUTIONS AWARDED GRANTS, AWARDS, AND RESEARCH CONTRACTS,
BY RANK ORDER OF AMOUNT AWARDED, FY 1984

Rank	Institution	City	State or Country	No. of Grants Awards & Contracts	Amount Awarded
=====					
UNITED STATES					
93	University of Hawaii at Manoa	Honolulu	Hawaii	1	88,401
94	Baylor College of Dentistry	Dallas	Texas	3	87,587
95	Los Angeles County Harbor-Ucla Med Ctr	Torrance	California	1	86,682
96	University of California Irvine	Irvine	California	1	84,046
97	Marquette University	Milwaukee	Wisconsin	4	84,017
98	Children's Hospital (Buffalo)	Buffalo	New York	1	77,911
99	U.S. PHS Navajo Area Indian Health Serv	Window Rock	Arizona	1	77,037
100	Michigan State University	East Lansing	Michigan	1	76,211
101	St. Jude Children's Research Hospital	Memphis	Tennessee	1	75,815
102	Cornell University Ithaca	Ithaca	New York	1	71,967
103	Massachusetts General Hospital	Boston	Massachusetts	3	71,349
104	National Jewish Hosp & Res Ctr-Nat'l Ast	Denver	Colorado	1	68,857
105	Loyola University Medical Center	Maywood	Illinois	2	68,456
106	West Virginia University	Morgantown	West Virginia	3	68,232
107	North Dakota State University	Fargo	North Dakota	1	67,296
108	Oral Roberts University	Tulsa	Oklahoma	1	65,800
109	University of New Mexico Albuquerque	Albuquerque	New Mexico	2	65,233
110	American Assn for Dental Research	Washington	Dist of Col	2	52,788
111	Medpacific Corporation	Seattle	Washington	1	50,000
112	Applied Biomedical Corporation	Danvers	Massachusetts	1	49,982
113	Texas Agri and Mech Univ College Station	College Station	Texas	1	49,476
114	American Dental Association	Chicago	Illinois	3	48,598
115	University of California San Diego	La Jolla	California	2	48,261
116	University of Mississippi	University	Mississippi	1	45,114
117	University of Illinois Urbana-Champaign	Urbana	Illinois	2	44,302
118	Membrane Technology and Research, Inc.	Menlo Park	California	1	43,761
119	Kent State University at Kent	Kent	Ohio	1	42,233
120	University of Tennessee Knoxville	Knoxville	Tennessee	1	41,749
121	Gumbs Associates, Inc.	Newark	New Jersey	1	41,520
122	Cornell College	Mount Vernon	Iowa	2	36,337
123	University of Texas System Cancer Center	Houston	Texas	1	33,840
124	University of the Pacific	San Francisco	California	2	32,504
125	U.S. Vets Admin Med Ctr (Sepulveda, Ca)	Sepulveda	California	1	32,457
126	Oregon State University	Corvallis	Oregon	1	30,118
127	Western Washington University	Bellingham	Washington	1	21,750
128	University of Tenn Center Health Scien	Memphis	Tennessee	4	21,300
129	University of Detroit	Detroit	Michigan	1	20,949
130	University of South Florida	Tampa	Florida	1	20,400
131	Loma Linda University	Loma Linda	California	1	18,468
132	Children's Hospital (Boston)	Boston	Massachusetts	2	17,736
133	University of Chicago	Chicago	Illinois	2	17,336
134	Rose-Hulman Institute of Technology	Terre Haute	Indiana	1	12,000
135	University of Maryland College Pl Campus	College Park	Maryland	1	11,377
136	Medical University of South Carolina	Charleston	South Carolina	2	10,643
137	St. Louis University	Saint Louis	Missouri	5	7,831
138	Gordon Research Conferences	Kingston	Rhode Island	1	7,500

*Active without FY 1984 funds.

TABLE 9.-- INSTITUTIONS AWARDED GRANTS, AWARDS, AND RESEARCH CONTRACTS, BY RANK ORDER OF AMOUNT AWARDED, FY 1984

Rank Order	Institution	City	State or Country	No. of Grants Awarded	Amount
UNITED STATES					
139	Indiana University Bloomington	Bloomington	Indiana	1	7,150
140	U.S. Uniformed Services Univ of Hlth Sci	Bethesda	Maryland	1	5,000
141	University of Rhode Island	Kingston	Rhode Island	2	5,000
142	University of Massachusetts Medical Sch	Worcester	Massachusetts	3	4,336
143	International Assoc/Machinists/Aerospace	Washington	Dist of Col	1	3,000
144	Litton Bionetics	Kennington	Maryland	1	919
	Louisiana State Univ Med Ctr Shreveport	Shreveport	Louisiana	1	0x
	H. K. Cooper Clinic	Lancaster	Pennsylvania	2	0x
	Florida State University	Tallahassee	Florida	1	0x
	CCS Associates	Pittsburgh	Pennsylvania	1	0x
	Central State Univ (Wilberforce, Oh)	Wilberforce	Ohio	1	0x
	U.S. PHS Hospital	San Francisco	California	1	0x
	U.S. Letterman Army Institute of Res	San Francisco	California	1	0x
	Tulane University of Louisiana	New Orleans	Louisiana	1	0x
	University of California Riverside	Riverside	California	1	0x
	University of Connecticut Storrs	Storrs	Connecticut	1	0x
	Stanford University	Stanford	California	1	0x
	Southern Illinois Univ at Edwardsville	Edwardsville	Illinois	3	0x
	St. Joseph's Hosp/Med Ctr (Phoenix)	Phoenix	Arizona	1	0x
	Purdue University West Lafayette	West Lafayette	Indiana	1	0x
	Rice University	Houston	Texas	1	0x
	Stevens Institute of Technology	Hoboken	New Jersey	1	0x
	Pennsylvania State Univ Hershey Med Ctr	Hershey	Pennsylvania	1	0x
	Neuhul Mariculture, Inc.	Goleta	California	1	0x
	University of Maine at Orono	Orono	Maine	2	0x
	University of Michigan	Ann Arbor	Michigan	2	0x
	University of Nebraska Medical Center	Omaha	Nebraska	1	0x
	University of Texas San Antonio	San Antonio	Texas	1	0x
	University of Texas Hlth Sci Ctr Dallas	Dallas	Texas	2	0x
	University of Virginia Charlottesville	Charlottesville	Virginia	2	0x
UNITED STATES - Total 168 Institutions					63,261,121
FOREIGN					
1	University of Toronto	Toronto	Canada	3	121,324
2	University of British Columbia	Vancouver	Canada	1	70,521
3	Göteborg University	Göteborg	Sweden	1	68,850
4	Hebrew University of Jerusalem	Jerusalem	Israel	1	50,457
5	Tel Aviv University	Tel Aviv	Israel	1	15,000
	Institute of Dental Research	Sydney	Australia	1	0x
	Mc Gill University	Montreal	Canada	1	0x
	University of New South Wales	Kennington	Canada	1	0x
	University of Queensland	Brisbane	Australia	1	0x
FOREIGN - Total 9 Institutions					326,152
Active without FY 1984 funds.					

TABLE 9.-- INSTITUTIONS AWARDED GRANTS, AWARDS, AND RESEARCH CONTRACTS,
BY RANK ORDER OF AMOUNT AWARDED, FY 1984

Total NIDR			
Rank Order	Institution	City	State or Country
			No. of Grants Awards & Contracts
			Amount Awarded
GRAND TOTAL - 177 Institutions			
			817
			63,587,273

Active without FY 1984 funds.

TABLE 10. --- INSTITUTIONS AWARDED RESEARCH GRANTS,
BY RANK ORDER OF AMOUNT AWARDED, FY 1984

D023

Total NIDR

Rank	Institution	City	State or Country	No. of Grants	Amount Awarded
UNITED STATES					
1	Forsyth Dental Center	Boston	Massachusetts	21	3,752,681
2	University of Washington	Seattle	Washington	21	3,706,525
3	University of Michigan at Ann Arbor	Ann Arbor	Michigan	21	3,627,968
4	University of Alabama in Birmingham	Birmingham	Alabama	20	3,340,785
5	University of Pennsylvania	Philadelphia	Pennsylvania	15	2,911,704
6	University of North Carolina Chapel Hill	Chapel Hill	North Carolina	23	2,500,295
7	State University of New York at Buffalo	Buffalo	New York	22	2,471,638
8	University of Iowa	Iowa City	Iowa	14	1,911,228
9	University of Connecticut Health Center	Farmington	Connecticut	30	1,808,312
10	Virginia Commonwealth University	Richmond	Virginia	8	1,688,700
11	University of Southern California	Los Angeles	California	10	1,458,575
12	University of Minnesota at Mpls-St Paul	Minneapolis	Minnesota	15	927,199
13	University of California San Francisco	San Francisco	California	14	852,779
14	Medical College of Georgia	Augusta	Georgia	12	837,989
15	State University of New York Stony Brook	Stony Brook	New York	8	837,639
16	University of Rochester	Rochester	New York	5	786,162
17	Washington University	Saint Louis	Missouri	7	723,759
18	Northwestern University	Chicago	Illinois	12	709,615
19	American Dental Assn Health Fdn	Chicago	Illinois	7	706,766
20	Columbia University	New York	New York	8	682,678
21	University of Florida	Gainesville	Florida	13	659,057
22	New York University	New York	New York	6	634,048
23	University of Texas Mth Sci Ctr San Ant	San Antonio	Texas	9	623,166
24	Temple University	Philadelphia	Pennsylvania	9	590,945
25	Harvard University	Boston	Massachusetts	8	589,939
26	University of Illinois at Chicago	Chicago	Illinois	16	588,701
27	University of California Los Angeles	Los Angeles	California	11	582,490
28	Case Western Reserve University	Cleveland	Ohio	11	562,996
29	University of Maryland at Baltimore	Baltimore	Maryland	8	492,284
30	Tufts University	Boston	Massachusetts	3	440,227
31	University of Pittsburgh	Pittsburgh	Pennsylvania	3	418,966
32	Children's Hospital of Philadelphia	Philadelphia	Pennsylvania	2	395,837
33	University of Utah	Salt Lake City	Utah	6	394,868
34	Ohio State University	Columbus	Ohio	6	382,763
35	Indiana Univ-Purdue Univ at Indianapolis	Indianapolis	Indiana	8	380,714
36	University of Colorado Mth Sciences Ctr	Denver	Colorado	7	337,354
37	Oregon Health Sciences University	Portland	Oregon	5	315,777
38	Thomas Jefferson University	Philadelphia	Pennsylvania	3	312,346
39	Louisiana State Univ Med Ctr New Orleans	New Orleans	Louisiana	7	293,233
40	U.S. PHS Public Advisory Groups	Bethesda	Maryland	5	268,950
41	Eastman Dental Center	Rochester	New York	1	264,976
42	Yeshiva University	Durham	New York	6	264,679
43	Duke University	Atlanta	Georgia	1	264,294
44	Georgia Institute of Technology	Columbia	Missouri	2	260,828
45	University of Missouri Columbia	Malham	Massachusetts	4	248,302
46	Foster-Miller, Inc.	Malham	Massachusetts	1	247,553

TABLE 10. --- INSTITUTIONS AWARDED RESEARCH GRANTS,
BY RANK ORDER OF AMOUNT AWARDED, FY 1984

Total NIDR

Rank Order	Institution	City	State or Country	No. of Grants	Amount Awarded
UNITED STATES					
47	University of Miami	Miami	Florida	3	246,877
48	Gulf South Research Institute	Baton Rouge	Louisiana	2	235,738
49	Georgetown University	Washington	Dist of Col	6	232,358
50	Emory University	Atlanta	Georgia	5	215,661
51	Boston University	Boston	Massachusetts	5	207,877
52	Creighton University	Omaha	Nebraska	2	206,559
53	University of Oklahoma With Sciences Ctr	Oklahoma City	Oklahoma	3	197,932
54	Westat, Inc.	Rockville	Maryland	1	194,503
55	Johns Hopkins University	Baltimore	Maryland	1	189,535
56	University Hospital (Boston)	Boston	Massachusetts	2	183,267
57	Pennsylvania State University Park	University Park	Pennsylvania	2	179,666
58	University of Texas With Sci Ctr Houston	Houston	Texas	6	178,807
59	University of California Berkeley	Berkeley	California	1	177,029
60	University of Medicine & Dentistry of NJ	Newark	New Jersey	3	168,742
61	New York Medical College	Valhalla	New York	2	159,320
62	University of Kentucky	Lexington	Kentucky	1	157,231
63	University of Louisville	Louisville	Kentucky	1	153,568
64	Yale University	New Haven	Connecticut	5	149,352
65	Howard University	Washington	Dist of Col	1	147,583
66	Rensselaer Polytechnic Institute	Troy	New York	2	137,310
67	Jewish Hospital of St. Louis	Saint Louis	Missouri	1	136,383
68	Vanderbilt University	Nashville	Tennessee	2	132,388
69	Hospital for Special Surgery	New York	New York	1	129,558
70	Meharry Medical College	Nashville	Tennessee	1	128,999
71	University of Mississippi Medical Center	Jackson	Mississippi	7	127,827
72	University of Oregon	Eugene	Oregon	1	126,476
73	Dartmouth College	Hanover	New Hampshire	1	124,669
74	University of Nebraska Lincoln	Lincoln	Nebraska	2	122,582
75	University of Texas Austin	Austin	Texas	1	121,697
76	State University of New York at Albany	Albany	New York	2	116,472
77	Fairleigh Dickinson University Teaneck	Teaneck	New Jersey	3	115,338
78	Graduate Hospital (Philadelphia)	Philadelphia	Pennsylvania	1	115,194
79	University of Med & Dent-Rutgers Med Sch	Piscataway	New Jersey	1	113,028
80	University of Wisconsin Madison	Madison	Wisconsin	1	106,882
81	Iowa State University of Science & Tech	Ames	Iowa	1	102,850
82	University of Kansas Col With Sci & Hosp	Kansas City	Kansas	3	100,665
83	University of Vermont & St Agric College	Burlington	Vermont	1	99,921
84	University of California Davis	Davis	California	1	99,497
85	University of Massachusetts Amherst	Amherst	Massachusetts	2	96,526
86	New Jersey Institute of Technology	Newark	New Jersey	2	96,282
87	University of Hawaii at Manoa	Honolulu	Hawaii	1	88,401
88	Baylor College of Dentistry	Dallas	Texas	1	87,587
89	University of California Irvine	Irvine	California	3	86,046
90	Marquette University	Milwaukee	Wisconsin	1	84,017
91	Children's Hospital (Buffalo)	Buffalo	New York	4	77,911
92	Michigan State University	East Lansing	Michigan	1	76,211

xActive without FY 1984 funds.

TABLE 10. -- INSTITUTIONS AWARDED RESEARCH GRANTS,
BY RANK ORDER OF AMOUNT AWARDED, FY 1984

D028

Total NIDR					
Rank	Institution	City	State or Country	No. of Grants	Amount Awarded
Order					
UNITED STATES					
93	St. Jude Children's Research Hospital	Memphis	Tennessee	1	75,815
94	Cornell University Ithaca	Ithaca	New York	1	71,967
95	Massachusetts General Hospital	Boston	Massachusetts	3	71,549
96	National Jewish Hosp & Res Ctr-Nat'l Ast	Denver	Colorado	1	68,857
97	Loyola University Medical Center	Maywood	Illinois	2	68,456
98	West Virginia University	Morgantown	West Virginia	3	68,232
99	North Dakota State University	Fargo	North Dakota	1	67,296
100	University of Denver	Denver	Colorado	2	66,791
101	Oral Roberts University	Tulsa	Oklahoma	1	63,800
102	University of New Mexico Albuquerque	Albuquerque	New Mexico	2	63,235
103	American Assn for Dental Research	Washington	Dist of Col	2	52,788
104	Medpacific Corporation	Seattle	Washington	1	50,000
105	Applied Biomedical Corporation	Danvers	Massachusetts	1	49,982
106	Texas Agri and Mech Univ College Station	College Station	Texas	1	49,476
107	American Dental Association	Chicago	Illinois	3	48,598
108	University of California San Diego	La Jolla	California	2	48,261
109	University of Mississippi	University	Mississippi	1	45,114
110	University of Illinois Urbana-Champaign	Urbana	Illinois	2	44,502
111	Membrane Technology and Research, Inc.	Menlo Park	California	1	43,761
112	Kent State University at Kent	Kent	Ohio	1	42,233
113	University of Tennessee Knoxville	Knoxville	Tennessee	1	41,749
114	Gumbs Associates, Inc.	Newark	New Jersey	1	41,520
115	Cornell College	Mount Vernon	Iowa	2	36,337
116	University of Texas System Cancer Center	Houston	Texas	1	33,840
117	University of the Pacific	San Francisco	California	2	32,504
118	U.S. Vets Admin Med Ctr (Sepulveda, Ca)	Sepulveda	California	1	32,457
119	Oregon State University	Corvallis	Oregon	1	30,118
120	Western Washington University	Bellingham	Washington	1	28,750
121	University of Tenn Center Health Scien	Memphis	Tennessee	3	28,500
122	University of Detroit	Detroit	Michigan	1	20,949
123	University of South Florida	Tampa	Florida	1	20,400
124	U.S. National Bureau of Standards	Gaithersburg	Maryland	1	15,000
125	Rose-Hulman Institute of Technology	Terre Haute	Indiana	1	11,577
126	University of Maryland College Pk Campus	College Park	Maryland	2	10,643
127	Medical University of South Carolina	Charleston	South Carolina	5	7,831
128	St. Louis University	Saint Louis	Missouri	1	7,500
129	Gordon Research Conferences	Kingston	Rhode Island	2	7,150
130	Indiana University Bloomington	Bloomington	Indiana	1	5,000
131	U.S. Uniformed Services Univ of Hlth Sci	Bethesda	Maryland	2	5,000
132	University of Rhode Island	Washington	Dist of Col	1	3,000
133	International Assoc/Machinists/Aerospace	Lancaster	Pennsylvania	2	0M
	H. K. Cooper Clinic	Goleta	California	1	0M
	Neuschul Mariculture, Inc.	Shreveport	Louisiana	1	0M
	Louisiana State Univ Med Ctr Shreveport	Tallahassee	Florida	1	0M
	Florida State University	Pittsburgh	Pennsylvania	1	0M
	CCS Associates				

Inactive without FY 1984 funds.

TABLE 10.-- INSTITUTIONS AWARDED RESEARCH GRANTS,
BY RANK ORDER OF AMOUNT AWARDED, FY 1984

Total MIDR

Rank Order	Institution	City	State or Country	No. of Grants	Amount Awarded
UNITED STATES					
	Central State Univ (Wilberforce, Oh)	Wilberforce	Ohio	1	0K
	Children's Hospital (Boston)	Boston	Massachusetts	1	0K
	Tulane University of Louisiana	New Orleans	Louisiana	1	0K
	Stevens Institute of Technology	Hoboken	New Jersey	1	0K
	Southern Illinois Univ at Edwardsville	Edwardsville	Illinois	3	0K
	St. Joseph's Hosp/Med Ctr (Phoenix)	Phoenix	Arizona	1	0K
	Pennsylvania State Univ Hershey Med Ctr	Hershey	Pennsylvania	1	0K
	Purdue University West Lafayette	West Lafayette	Indiana	1	0K
	University of Maine at Orono	Orono	Maine	1	0K
	University of Massachusetts Medical Sch	Morchester	Massachusetts	2	0K
	University of Chicago	Chicago	Illinois	1	0K
	University of Connecticut Storrs	Storrs	Connecticut	1	0K
	University of California Riverside	Riverside	California	1	0K
	University of Texas San Antonio	San Antonio	Texas	1	0K
	University of Texas Hlth Sci Ctr Dallas	Dallas	Texas	1	0K
	University of Nebraska Medical Center	Omaha	Nebraska	1	0K
	University of Virginia Charlottesville	Charlottesville	Virginia	2	0K
UNITED STATES - Total 155 Institutions				654	54,851,780
FOREIGN					
1	University of Toronto	Toronto	Canada	2	104,284
2	University of British Columbia	Vancouver	Canada	1	70,521
3	Göteborg University	Göteborg	Sweden	1	68,850
4	Hebrew University of Jerusalem	Jerusalem	Israel	1	50,457
5	Tel Aviv University	Tel Aviv	Israel	1	15,000
	Institute of Dental Research	Sydney	Australia	1	0K
	Mc Gill University	Montreal	Canada	1	0K
	University of New South Wales	Kensington	Australia	1	0K
	University of Queensland	Brisbane	Australia	1	0K
FOREIGN - Total 9 Institutions				10	309,112
GRAND TOTAL - 164 Institutions				664	55,160,892

*Active without FY 1984 funds.

TABLE 11.-- INSTITUTIONS AWARDED GRADUATE TRAINING GRANTS,
BY RANK ORDER OF AMOUNT AWARDED, FY 1984

D029

Total NIDR

Rank Order	Institution	City	State or Country	No. of Grants	Amount Awarded
UNITED STATES					
1	Harvard University	Boston	Massachusetts	4	593,609
2	University of Connecticut Health Center	Farmington	Connecticut	4	401,128
3	State University of New York at Buffalo	Buffalo	New York	3	295,887
4	University of Washington	Seattle	Washington	4	225,531
5	University of Alabama in Birmingham	Birmingham	Alabama	2	215,842
6	University of Pennsylvania	Philadelphia	Pennsylvania	2	206,608
7	University of Southern California	Los Angeles	California	1	156,711
8	Columbia University	New York	New York	1	126,264
9	Indiana Univ-Purdue Univ at Indianapolis	Indianapolis	Indiana	2	101,533
10	University of Florida	Gainesville	Florida	1	92,370
11	Northeastern University	Chicago	Illinois	1	91,711
12	Rensselaer Polytechnic Institute	Troy	New York	1	88,992
13	Los Angeles County Harbor-Ucla Med Ctr	Torrance	California	1	84,682
14	University of Michigan at Ann Arbor	Ann Arbor	Michigan	2	73,943
15	Georgia Institute of Technology	Atlanta	Georgia	1	58,246
16	Eastern Dental Center	Rochester	New York	2	56,837
17	University of Wisconsin Madison	Madison	Wisconsin	1	39,836
18	University of Minnesota	Minneapolis	Minnesota	2	24,647
19	Medical College of Georgia	Atlanta	Georgia	1	18,208
20	Emory University	Louisville	Kentucky	1	14,571
21	University of Louisville	Chicago	Illinois	1	14,171
22	University of Illinois at Chicago	Chicago	Illinois	1	11,671
23	Fairleigh Dickinson University Teaneck	Teaneck	New Jersey	1	11,003
24	University of California San Francisco	San Francisco	California	1	11,003
25	University of North Carolina Chapel Hill	Chapel Hill	North Carolina	1	11,003
26	University of Mississippi Medical Center	Jackson	Mississippi	1	7,355
UNITED STATES - Total				43	3,036,000
GRAND TOTAL - 26 Institutions				43	3,036,000

*Active without FY 1984 funds.

TABLE 12.-- INSTITUTIONS WITH FELLOWSHIPS,
BY RANK ORDER OF AMOUNT AWARDED, FY 1984

Rank Order	Institution	City	State or Country	No. of Grants	Amount Awarded
UNITED STATES					
1	U.S. National Institutes of Hlth	Bethesda	Maryland	11	149,812
2	University of North Carolina Chapel Hill	Chapel Hill	North Carolina	6	89,924
3	University of Alabama in Birmingham	Birmingham	Alabama	6	85,161
4	Harvard University	Boston	Massachusetts	4	67,491
5	State University of New York at Buffalo	Buffalo	New York	2	39,756
6	University of Rochester	Rochester	New York	2	39,350
7	University of Connecticut Health Center	Farmington	Connecticut	3	37,704
8	Virginia Commonwealth University	Richmond	Virginia	2	35,472
9	University of Texas Hlth Sci Ctr Houston	Houston	Texas	1	33,000
10	Yale University	New Haven	Connecticut	1	33,000
11	University of Washington	Seattle	Washington	4	30,966
12	Forsyth Dental Center	Boston	Massachusetts	1	18,468
13	Loma Linda University	Loma Linda	California	1	18,468
14	University of Missouri Columbia	Columbia	Missouri	1	17,736
15	Children's Hospital (Boston)	Boston	Massachusetts	1	17,736
16	University of Chicago	Chicago	Illinois	1	17,736
17	University of Minnesota of Mpls-St Paul	Minneapolis	Minnesota	1	17,736
18	University of Pennsylvania	Philadelphia	Pennsylvania	2	17,736
19	University of Iowa	Iowa City	Iowa	2	17,040
20	Johns Hopkins University	Baltimore	Maryland	1	8,990
21	University of Massachusetts Medical Sch	Worcester	Massachusetts	1	4,356
	Indiana Univ-Purdue Univ at Indianapolis	Indianapolis	Indiana	1	0K
	Stanford University	Stanford	California	1	0K
	University of Michigan at Ann Arbor	Ann Arbor	Michigan	2	0K
	University of Tenn Center Health Scien	Memphis	Tennessee	1	0K
	University of Texas Hlth Sci Ctr Dallas	Dallas	Texas	1	0K
UNITED STATES - Total 26 Institutions				60	797,960
FOREIGN					
1	University of Toronto	Toronto	Canada	1	17,040
FOREIGN - Total 1 Institutions				1	17,040
GRAND TOTAL - 27 Institutions				61	815,000

*Active without FY 1984 funds.

TABLE 13.-- INSTITUTIONS WITH RESEARCH CAREER PROGRAM AWARDS,
BY RANK ORDER OF AMOUNT AWARDED, FY 1984

D031

Total NIDR

Rank Order	Institution	City	State or Country	No. of Grants	Amount Awarded
UNITED STATES					
1	University of Alabama in Birmingham	Birmingham	Alabama	3	145,672
2	Virginia Commonwealth University	Richmond	Virginia	3	85,990
3	University of Michigan at Ann Arbor	Ann Arbor	Michigan	3	80,294
4	University of Florida	Gainesville	Florida	2	79,269
5	University of North Carolina Chapel Hill	Chapel Hill	North Carolina	2	56,962
6	Harvard University	Boston	Massachusetts	2	47,364
7	University of California Davis	Davis	California	1	45,092
8	University of Pennsylvania	Philadelphia	Pennsylvania	1	41,861
9	University of Texas Hlth Sci Ctr Houston	Houston	Texas	1	41,148
10	Columbia University	New York	New York	1	40,824
11	State University of New York at Buffalo	Buffalo	New York	1	40,824
12	University of Maryland at Baltimore	Baltimore	Maryland	1	40,500
13	University of Southern California	Los Angeles	California	1	40,033
14	University of Denver	Denver	Colorado	1	39,528
15	Thomas Jefferson University	Philadelphia	Pennsylvania	1	39,366
16	University of Washington	Seattle	Washington	1	38,880
17	Indiana Univ-Purdue Univ at Indianapolis	Indianapolis	Indiana	1	34,398
18	University of Connecticut Health Center	Farmington	Connecticut	1	28,556
	Forsyth Dental Center	Boston	Massachusetts	1	0X
	Rice University	Houston	Texas	1	0X
UNITED STATES - Total				27	964,561
GRAND TOTAL - 20 Institutions				27	964,561

*Active without FY 1984 funds.

TABLE 14.-- INSTITUTIONS AWARDED RESEARCH CONTRACTS,
BY RANK ORDER OF AMOUNT AWARDED, FY 1984

Total MIDR

Rank Order	Institution	City	State or Country	No. of Contracts	Amount Awarded
UNITED STATES					
1	Mestel, Inc.	Rockville	Maryland	1	1,499,500
2	U.S. National Bureau of Standards	Gaithersburg	Maryland	1	496,889
3	University of Alabama in Birmingham	Birmingham	Alabama	3	428,628
4	University of Minnesota at Minneapolis	Minneapolis	Minnesota	1	302,213
5	Wazleton Laboratories America	Vienna	Virginia	1	244,869
6	Forisyth Dental Center	Boston	Massachusetts	1	224,933
7	Eastern Dental Center	Rochester	New York	2	126,746
8	U.S. Army Fort Detrick	Frederick	Maryland	1	96,085
9	State University New York Stony Brook	Stony Brook	New York	1	82,073
10	U.S. PHS Naval Area Indian Health Serv	Window Rock	Arizona	1	77,037
11	University of Pennsylvania	Philadelphia	Pennsylvania	1	24,522
12	University of Maryland at Baltimore	Baltimore	Maryland	1	6,406
13	Litton Bionetics	Kensington	Maryland	1	6,919
	American Dental Assn Health Fdn	Chicago	Illinois	1	0x
	State University of New York at Buffalo	Buffalo	New York	1	0x
	U.S. Letterman Army Institute of Res	San Francisco	California	1	0x
	U.S. PHS Hospital	San Francisco	California	1	0x
	University of Michigan	Ann Arbor	Michigan	2	0x
UNITED STATES - Total 18 Institutions				22	3,610,820
GRAND TOTAL - 18 Institutions				22	3,610,820

Active without FY 1984 funds.

TABLE 15.-- RESEARCH GRANTS, BY TYPE OF APPLICATION, FY 1984

		Total NIDR			
Type of Application		Research Grants		Amount Awarded	
		Number	Percent	Dollars	Percent
1	New	175	26	8,825,238	15
2	Competing Renewal	52	7	9,563,240	17
3	Supplement	3	<1	309,733	<1
5	Noncompeting Continuation	421	63	35,836,561	64
7	Change of Grantee Institution	13	1	626,120	1
TOTAL		664	100	55,160,892	100

Type of Application:

- Type 1 - Identifies an original request for Public Health Service support of a particular project or activity.
 Type 2 - Identifies a request for additional support beyond that previously recommended and must compete for available funds.
 Type 3 - Identifies a request for additional funds either for the current operating year or for any future year previously recommended.
 Type 5 - Identifies a request to award previously recommended support and does not compete for available funds.
 Type 7 - Identifies a request for support of a project or activity that has been transferred from one grantee inst. to another.
 Type 9 - Identifies a request competing for renewal support of a project or activity that has been transferred from one awarding organization to another.

Total NIDR

Initial Review Group		Number of	Percent
		Grants	
=====			
DENTAL GROUPS			
DSR	Dental Research Institute Review Committee	109	16
ODM	Oral Biology and Medicine	388	58
	DENTAL GROUPS - Total	497	74
=====			
OTHER GROUPS			
APY	Applied Physiology and Orthopedics	1	<1
ALY	Allergy and Immunology	1	<1
BCE	Biochemical Endocrinology Study Section	1	<1
BEH	Behavioral Medicine Review Group	23	3
BIO	Biochemistry	1	<1
BM	Bacteriology and Mycology	6	<1
BPO	Bio-Organic & Natural Products Chemistry Study Section	1	<1
CBY	Bio-Psychology	8	1
CNS	Cell Biology	2	<1
CP	Communicative Sciences	2	<1
EDC	Cellular Physiology	4	<1
EI	Epidemiology and Disease Control	2	<1
EVR	Experimental Immunology	2	<1
GEN	Experimental Virology	7	<1
GMB	Genetics	1	1
HED	General Medicine B	11	1
HSR	Human Embryology and Development	1	<1
IMB	Health Services Research Study Section	1	<1
IMC	Immunobiology	12	1
MCA	Microbial Chemistry	1	<1
MO	Medicinal Chemistry A	1	<1
MGB	Microbial Genetics	1	<1
MRC	Mammalian Genetics Study Section	2	<1
NEUB	Minority Access to Research Careers Review Committee	1	<1
NLS	Neurology B	6	<1
NSS	Neurological Sciences Study Section	1	<1
NTM	No Initial Review Group	17	2
ORTM	Nutrition	3	<1
PBC	Orthopedics & Musculoskeletal Study Section	1	<1
PC	Pathobiological Chemistry	5	<1
PTHB	Physiological Chemistry	4	<1
RAD	Pathology B	3	<1
SB	Radiation	3	<1
SRG	Surgery and Bioengineering	1	<1
SSS	Special Review Committee	5	<1
VR	Special Study Section	22	3
	Virology	1	<1
	OTHER GROUPS - Total	167	25
	TOTAL	664	100

xDetails may not add to total because of rounding.

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Table 10 - Dental Materials Available for Research in 1964

Dental Materials Available for Research in 1964	
A. Caries & Restorative Materials	
1. Amalgam	1. Dental Research Institute, University of Michigan, Ann Arbor, Michigan
2. Composite	2. Dental Research Institute, University of Michigan, Ann Arbor, Michigan
3. Gold	3. Dental Research Institute, University of Michigan, Ann Arbor, Michigan
4. Silver	4. Dental Research Institute, University of Michigan, Ann Arbor, Michigan
5. Plastic	5. Dental Research Institute, University of Michigan, Ann Arbor, Michigan
6. Ceramic	6. Dental Research Institute, University of Michigan, Ann Arbor, Michigan
7. Enamel	7. Dental Research Institute, University of Michigan, Ann Arbor, Michigan
8. Root Canal Filling	8. Dental Research Institute, University of Michigan, Ann Arbor, Michigan
9. Root Canal Sealer	9. Dental Research Institute, University of Michigan, Ann Arbor, Michigan
10. Root Canal Irrigant	10. Dental Research Institute, University of Michigan, Ann Arbor, Michigan
11. Root Canal Plug	11. Dental Research Institute, University of Michigan, Ann Arbor, Michigan
12. Root Canal Sealant	12. Dental Research Institute, University of Michigan, Ann Arbor, Michigan
13. Root Canal Cement	13. Dental Research Institute, University of Michigan, Ann Arbor, Michigan
14. Root Canal Resin	14. Dental Research Institute, University of Michigan, Ann Arbor, Michigan
15. Root Canal Paste	15. Dental Research Institute, University of Michigan, Ann Arbor, Michigan
16. Root Canal Sealant	16. Dental Research Institute, University of Michigan, Ann Arbor, Michigan
17. Root Canal Cement	17. Dental Research Institute, University of Michigan, Ann Arbor, Michigan
18. Root Canal Resin	18. Dental Research Institute, University of Michigan, Ann Arbor, Michigan
19. Root Canal Paste	19. Dental Research Institute, University of Michigan, Ann Arbor, Michigan
20. Root Canal Sealant	20. Dental Research Institute, University of Michigan, Ann Arbor, Michigan

**PART II
CARIES & RESTORATIVE MATERIALS**

NOTE: Part II includes every NIDR grant, award, and research contract which has been classified as Caries & Restorative Materials or related.

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1. The following information is being furnished to you for your information only. It is not intended to be used for any other purpose.

2. The following information is being furnished to you for your information only. It is not intended to be used for any other purpose.

Caries & Restorative Materials

Mechanism	No.	%	Grants, Awards, & Contracts FY 1984 Funds	Prior Year Award Obligations	Active Grants, Awards and Contracts not Funded FY 1984	TOTAL Active Grants, Awards, and Contracts 30 Sept. 1984
	No.	%	Dollars	No.	No.	No.
R01 Research Projects (Traditional)	124	3	13,340,210	3	38	162
R03 Small Research Grants	20	1	280,785	0	5	25
R09 Scientific Evaluation	2	0	268,950	1	2	5
R13 Conferences (Traditional)	2	0	64,788	0	5	7
R23 New Investigator Research Awards	9	0	412,909	0	4	13
R43 Small Business Grants (Phase I)	1	0	41,520	0	1	2
P01 Research Program Projects	1	0	206,678	1	1	1
P50 Caries Research Centers	3	1	1,291,667	6	55	3
RESEARCH GRANTS- Total	162	90	15,987,507	82	1	218
Y01 NIH Interagency Agreements	3	1	670,011	3	2	5
N01 Research and Development Contract	11	6	2,637,677	13	4	15
RESEARCH CONTRACTS- Total	14	7	3,307,688	16	6	20
K04 Modified Res. Career Dev. Award	4	2	164,346	0	1	5
RESEARCH CAREER PROGRAM AWARDS- Total	4	2	164,346	0	1	5
GRAND TOTAL	180	100	19,459,341	100	62	243

Column 1: Supplements to grants or awards are not counted as grants or awards.

Column 2: Funds awarded for Supplements are included in these dollars even though the Supplements are not counted in Column 1.

Column 3: In order to account for all active grants in FY 1984, a supplement or award made in a prior year for which there is

no parent grant or award in FY 1984 is counted as a grant or award and referred to as a Prior Year Award Obligation.

Column 7: Column 7 is a total of columns 1, 5, and 6.

*Details may not add to total because of rounding. A percentage figure of zero indicates that there is a value between one and

zero.

TABLE 18.-- INSTITUTIONS AWARDED GRANTS, AND RESEARCH CONTRACTS,
BY RANK ORDER OF AMOUNT AWARDED, FY 1984

D036

Carles & Restorative Materials

Rank Order	Institution	City	State or Country	No. of Grants Awards & Contracts	Amount Awarded
1	UNITED STATES			13	1,791,422
2	Forsyth Dental Center	Boston	Massachusetts	1	1,499,500
3	Hastat, Inc.	Rockville	Maryland	1	793,147
4	University of Iowa	Iowa City	Iowa	7	756,911
5	Medical College of Georgia	Augusta	Georgia	8	730,627
6	University of Rochester	Rochester	New York	4	723,434
7	University of Alabama at Birmingham	Birmingham	Alabama	11	706,766
8	American Dental Assn Health Fdn	Chicago	Illinois	7	671,164
9	University of Minnesota at Mpls-St Paul	Minneapolis	Minnesota	9	573,365
10	University of Michigan at Ann Arbor	Ann Arbor	Michigan	9	571,063
11	Northwestern University	Chicago	Illinois	3	553,581
12	Washington University	Saint Louis	Missouri	7	523,392
13	University of Pennsylvania	Philadelphia	Pennsylvania	3	511,889
14	U.S. National Bureau of Standards	Gaithersburg	Maryland	2	461,087
15	Columbia University	New York	New York	4	412,630
16	University of Alabama in Birmingham	Birmingham	Alabama	2	391,722
17	Eastman Dental Center	Rochester	New York	8	377,265
18	State University of New York at Buffalo	Buffalo	New York	7	353,878
19	Temple University	Philadelphia	Pennsylvania	4	343,125
20	University of Connecticut Health Center	Farmington	Connecticut	4	305,635
21	University of North Carolina Chapel Hill	Chapel Hill	North Carolina	5	291,349
22	State University New York Stony Brook	Stony Brook	New York	5	268,950
23	U.S. PHS Public Advisory Groups	Bethesda	Maryland	2	260,828
24	Georgia Institute of Technology	Atlanta	Georgia	2	257,248
25	University of Utah	Salt Lake City	Utah	3	246,877
26	Hazleton Laboratories America	Miami	Florida	3	246,869
27	Indiana Univ-Purdue Univ at Indianapolis	Indianapolis	Indiana	1	242,013
28	New York University	New York	New York	3	235,365
29	University of Colorado Hlth Sciences Ctr	Denver	Colorado	3	220,634
30	University of Florida	Gainesville	Florida	3	201,842
31	University of Oklahoma Hlth Sciences Ctr	Oklahoma City	Oklahoma	3	197,952
32	Oregon Health Sciences University	Portland	Oregon	3	183,547
33	University Hospital (Boston)	Boston	Massachusetts	1	177,029
34	University of Maryland at Baltimore	Baltimore	Maryland	1	176,104
35	University of California Berkeley	Berkeley	California	2	166,935
36	Case Western Reserve University	Cleveland	Ohio	2	159,320
37	New York Medical College	Valhalla	New York	4	143,242
38	University of Medicine & Dentistry of NJ	Newark	New Jersey	1	138,619
39	Gulf South Research Institute	Baton Rouge	Louisiana	1	130,555
40	University of Louisville	Louisville	Kentucky	4	126,499
41	University of California Los Angeles	Los Angeles	California	2	124,429
42	University of Southern California	Los Angeles	California	1	116,472
43	State University of New York at Albany	Albany	New York	2	109,382
44	Louisiana State Univ Med Ctr New Orleans	New Orleans	Louisiana	3	108,895
45	Emory University	Atlanta	Georgia	1	102,850
46	Iowa State University of Science & Tech	Ames	Iowa	1	

*Active without FY 1984 funds.

TABLE 18.--- INSTITUTIONS AWARDED GRANTS, AND RESEARCH CONTRACTS,
BY RANK ORDER OF AMOUNT AWARDED, FY 1984

Caries & Restorative Materials

Rank Order	Institution	City	State or Country	No. of Grants Awards & Contracts	Amount Awarded
47	UNITED STATES			1	99,921
48	University of Vermont & St Agric College	Burlington	Vermont	1	96,282
49	New Jersey Institute of Technology	Newark	New Jersey	1	96,085
50	U.S. Army Fort Detrick	Frederick	Maryland	1	92,383
51	University of Pittsburgh	Pittsburgh	Pennsylvania	1	77,855
52	Vanderbilt University	Nashville	Tennessee	1	77,057
53	U.S. PHS Navajo Area Indian Health Serv	Window Rock	Arizona	1	75,815
54	St. Jude Children's Research Hospital	Memphis	Tennessee	1	75,728
55	Virginia Commonwealth University	Richmond	Virginia	1	71,950
56	Boston University	Boston	Massachusetts	1	71,790
57	Ohio State University	Columbus	Ohio	2	64,328
58	University of Mississippi Medical Center	Jackson	Mississippi	1	63,800
59	Oral Roberts University	Tulsa	Oklahoma	1	52,788
60	American Assn for Dental Research	Washington	Dist. of Col	1	51,013
61	Rensselaer Polytechnic Institute	Troy	New York	1	50,932
62	University of Washington	Seattle	Washington	3	48,598
63	American Dental Association	Chicago	Illinois	2	48,261
64	University of California San Diego	La Jolla	California	1	48,302
65	University of Illinois Urbana-Champaign	Urbana	Illinois	1	41,749
66	University of Tennessee Knoxville	Knoxville	Tennessee	1	41,520
67	Gumbs Associates, Inc.	Newark	New Jersey	1	36,537
68	Cornell College	Mount Vernon	Iowa	2	34,189
69	University of Illinois at Chicago	Chicago	Illinois	4	32,504
70	University of the Pacific	San Francisco	California	1	32,196
71	University of Texas Mith Sci Ctr San Ant	San Antonio	Texas	2	30,118
72	Oregon State University	Corvallis	Oregon	1	12,000
73	Rose-Hulman Institute of Technology	Terre Haute	Indiana	1	10,643
74	Medical University of South Carolina	Charleston	South Carolina	2	7,150
75	Indiana University Bloomington	Bloomington	Indiana	1	0x
76	Baylor College of Dentistry	Dallas	Texas	1	0x
77	CCS Associates	Pittsburgh	Pennsylvania	1	0x
78	Central State Univ (Wilberforce, Oh)	Milberforce	Ohio	1	0x
79	Loyola University Medical Center	Maywood	Illinois	1	0x
80	Massachusetts General Hospital	Boston	Massachusetts	2	0x
81	Southern Illinois Univ at Edwardsville	Edwardsville	Illinois	1	0x
82	Stevens Institute of Technology	Hoboken	New Jersey	1	0x
83	U.S. Letterman Army Institute of Res	San Francisco	California	1	0x
84	U.S. PHS Hospital	Ann Arbor	Michigan	2	0x
85	University of Michigan	Ann Arbor	Michigan	1	0x
86	University of Nebraska Medical Center	Omaha	Nebraska	1	0x
87	University of Rhode Island	Kingston	Rhode Island	1	0x
88	University of Tenn Center Health Scien	Memphis	Tennessee	1	0x
89	University of Virginia Charlottesville	Charlottesville	Virginia	1	0x
UNITED STATES - Total 88 Institutions				239	19,409,084

Inactive without FY 1984 funds.

TABLE 18.-- INSTITUTIONS AWARDED GRANTS, AND RESEARCH CONTRACTS, BY RANK ORDER OF AMOUNT AWARDED, FY 1984

Rank	Order	Institution	City	State or Country	No. of Grants Awards & Contracts	Amount
FOREIGN						
1		Hebrew University of Jerusalem	Jerusalem	Israel	1	50,457
2		Institute of Dental Research	Sydney	Australia	1	0x
3		University of New South Wales	Kensington	Australia	1	0x
4		University of Queensland	Brisbane	Australia	1	0x
- Total					4	50,457
FOREIGN						
GRAND TOTAL - 92 Institutions					243	19,459,561

Active without FY 1984 funds.

PART III
PERIODONTAL & SOFT TISSUE DISEASES

NOTE: Part III includes every NIDR grant, award, and research contract which has been classified as Periodontal & Soft Tissue Diseases or related.

TABLE 24.-- GRANTS, AWARDS, & RESEARCH CONTRACTS BY MECHANISM, FY 1984

D035

Mechanism	Periodontal & Soft Tissue Diseases									
	Grants, Awards, & Contracts FY 1984 Funds					Prior Year Award Obligations		Active Grants, Awards and Contracts not Funded FY 1984		TOTAL Active Grants, Awards, and Contracts 30 Sept. 1984
	No.	XX	Dollars	XX	No.	XX	No.	No.	No.	No.
	1	2	3	4	5	6	7	8	9	10
R01 Research Projects (Traditional)	99	1	11,411,079	2	1	34	134			
R03 Small Research Grants	22	0	340,566	0	18	18	40			
R13 Conferences (Traditional)	1	0	34,458	0	1	1	2			
R23 New Investigator Research Awards	21	0	1,026,074	0	12	12	33			
R03 Small Business Grants (Phase I)	3	0	143,743	0	1	1	4			
R04 Small Business Grants (Phase II)	1	0	247,553	1			1			
P01 Research Program Projects	1	0	672,131	3			3			
P50 Periodontal Research Centers	3	1	2,721,838	15	1	66	218			
RESEARCH GRANTS- Total	151	94	16,597,442	96						
N01 Research and Development Contract	2	1	303,132	1			2			
RESEARCH CONTRACTS- Total	2	1	303,132	1			2			
K04 Modified Res. Career Dev. Award	7	4	285,307	1			8			
K06 Research Career Award	7	0	0	0			1			
RESEARCH CAREER PROGRAM AWARDS- Total	7	4	285,307	1			9			
GRAND TOTAL	160	100	17,185,881	100	1	68	229			

Column 1: Supplements to grants or awards are not counted as grants or awards.

Column 2: Funds awarded for Supplements are included in these dollars even though the Supplements are not counted in Column 1.

Column 5: In order to account for all active grants in FY 1984, a supplement or award made in a prior year for which there is no parent grant or award in FY 1984 is counted as a grant or award and referred to as a Prior Year Award Obligation.

Column 7: Column 7 is a total of columns 1, 5, and 6.

*Details may not add to total because of rounding. A percentage figure of zero indicates that there is a value between one and zero.

TABLE 25.-- INSTITUTIONS AWARDED GRANTS, AND RESEARCH CONTRACTS,
BY RANK ORDER OF AMOUNT AWARDED, FY 1984

Periodontal & Soft Tissue Diseases

Rank Order	Institution	City	State or Country	No. of Grants Awards & Contracts	Amount Awarded
UNITED STATES					
1	Forsyth Dental Center	Boston	Massachusetts	6	2,043,592
2	State University of New York at Buffalo	Buffalo	New York	13	1,825,492
3	Virginia Commonwealth University	Richmond	Virginia	7	1,476,112
4	University of Washington	Seattle	Washington	10	981,915
5	University of Pennsylvania	Philadelphia	Pennsylvania	6	848,856
6	University of Alabama at Birmingham	Birmingham	Alabama	8	749,350
7	State University of New York at Stony Brook	Stony Brook	New York	6	628,363
8	University of Michigan at Ann Arbor	Ann Arbor	Michigan	6	526,245
9	University of Texas Hlth Sci Ctr San Ant	San Antonio	Texas	6	485,009
10	University of Maryland at Baltimore	Baltimore	Maryland	6	365,086
11	University of Florida	Gainesville	Florida	7	354,207
12	University of Southern California	Los Angeles	California	4	343,000
13	University of Connecticut Health Center	Farmington	Connecticut	9	336,794
14	Harvard University	Boston	Massachusetts	4	322,062
15	University of Iowa	Iowa City	Iowa	4	313,594
16	University of Minnesota at Minneapolis	Minneapolis	Minnesota	1	302,213
17	University of North Carolina Chapel Hill	Chapel Hill	North Carolina	6	257,107
18	Foster-Miller, Inc.	Waltham	Massachusetts	1	247,553
19	University of California San Francisco	San Francisco	California	8	236,505
20	Georgetown University	Washington	Dist of Col	6	232,358
21	University of Minnesota of Mpls-St Paul	Minneapolis	Minnesota	4	211,038
22	University of Missouri Columbia	Columbia	Missouri	3	201,957
23	University of Texas Hlth Sci Ctr Houston	Houston	Texas	5	186,667
24	Temple University	Philadelphia	Pennsylvania	3	178,582
25	Louisiana State Univ Med Ctr New Orleans	New Orleans	Louisiana	3	167,633
26	Creighton University	Omaha	Nebraska	2	158,843
27	University of Kentucky	Lexington	Kentucky	1	157,231
28	Duke University	Durham	North Carolina	1	149,028
29	Tufts University	Boston	Massachusetts	1	146,422
30	Ohio State University	Columbus	Ohio	2	144,271
31	Northwestern University	Chicago	Illinois	2	138,552
32	Jewish Hospital of St. Louis	Saint Louis	Missouri	2	136,303
33	Boston University	Boston	Massachusetts	1	135,927
34	Bartmouth College	Hanover	New Hampshire	1	124,869
35	University of Nebraska Lincoln	Lincoln	Nebraska	2	122,582
36	Case Western Reserve University	Cleveland	Ohio	2	120,606
37	University of Colorado Hlth Sciences Ctr	Denver	Colorado	2	116,670
38	University of Wisconsin Madison	Madison	Wisconsin	1	106,082
39	University of Denver	Denver	Colorado	2	104,319
40	Washington University	Saint Louis	Missouri	2	102,146
41	University of Illinois at Chicago	Chicago	Illinois	4	96,633
42	Rensselaer Polytechnic Institute	Troy	New York	4	86,297
43	Medical College of Georgia	Augusta	Georgia	1	83,078
44	Children's Hospital (Buffalo)	Buffalo	New York	1	77,911
45	University of Massachusetts Amherst	Amherst	Massachusetts	1	75,477
46	National Jewish Hosp & Res Ctr--Nat'l Ast	Denver	Colorado	1	68,857

*Active without FY 1984 funds.

TABLE 25.-- INSTITUTIONS AWARDED GRANTS, AND RESEARCH CONTRACTS,
BY RANK ORDER OF AMOUNT AWARDED, FY 1984

D036

Periodontal & Soft Tissue Diseases

Rank	Institution	City	State or Country	No. of Grants Awards & Contracts	Amount Awarded
UNITED STATES					
47	Loyola University Medical Center	Maywood	Illinois	1	68,456
48	West Virginia University	Morgantown	West Virginia	2	68,232
49	University of Utah	Salt Lake City	Utah	2	63,860
50	Johns Hopkins University	Baltimore	Maryland	1	58,615
51	Fairleigh Dickinson University Teaneck	Teaneck	New Jersey	2	56,038
52	University of Rochester	Rochester	New York	1	55,335
53	Emory University	Atlanta	Georgia	3	52,150
54	Medpacific Corporation	Seattle	Washington	1	50,000
55	Applied Biomedical Corporation	Danvers	Massachusetts	1	49,982
56	New York University	New York	New York	2	45,900
57	Membrane Technology and Research, Inc.	Menlo Park	California	1	43,761
58	Howard University	Washington	Dist of Col	1	28,500
59	University of Mississippi Medical Center	Jackson	Mississippi	4	23,723
60	University of Louisville	Louisville	Kentucky	1	23,205
61	Pennsylvania State University Park	University Park	Pennsylvania	1	21,750
62	University of Kansas Col Hlth Sci & Hosp	Kansas City	Kansas	1	20,790
63	University of California Los Angeles	Los Angeles	California	4	10,725
64	Marquette University	Milwaukee	Wisconsin	1	8,977
65	Litton Bionetics	Kensington	Maryland	1	8,919
66	Columbia University	New York	New York	1	0x
67	Gordon Research Conferences	Kingston	Rhode Island	3	0x
68	Indiana Univ-Purdue Univ at Indianapolis	Indianapolis	Indiana	1	0x
69	Medical University of South Carolina	Charleston	South Carolina	1	0x
70	Neushtl Mariculture, Inc.	Goleta	California	1	0x
71	New York Medical College	Valhalla	New York	1	0x
72	Purdue University West Lafayette	West Lafayette	Indiana	1	0x
73	Tulane University of Louisiana	New Orleans	Louisiana	1	0x
74	University of California Riverside	Riverside	California	1	0x
75	University of Illinois Urbana-Champaign	Urbana	Illinois	1	0x
76	University of Massachusetts Medical Sch	Worcester	Massachusetts	1	0x
77	University of Oklahoma Hlth Sciences Ctr	Oklahoma City	Oklahoma	1	0x
78	University of Pittsburgh	Pittsburgh	Pennsylvania	1	0x
79	University of Tenn Center Health Scien	Memphis	Tennessee	1	0x
80	University of Texas San Antonio	San Antonio	Texas	1	0x
UNITED STATES - Total 80 Institutions				226	17,031,510
FOREIGN					
1	University of British Columbia	Vancouver	Canada	1	70,521
2	Gothenburg University	Gothenburg	Sweden	1	68,850
3	Tel Aviv University	Tel Aviv	Israel	1	15,000
FOREIGN - Total 3 Institutions				3	154,371
GRAND TOTAL - 83 Institutions				229	17,185,881

MACTive without FY 1984 funds.

PART IV
CRANIOFACIAL ANOMALIES, PAIN CONTROL & BEHAVIORAL RESEARCH

NOTE: Part IV includes every NIDR grant, award, and research contract which has been classified as related to Craniofacial Anomalies, Pain Control, or Behavioral Research.

TABLE 31.-- GRANTS, AWARDS, & RESEARCH CONTRACTS BY MECHANISM, FY 1984
Craniofacial Anomalies & Pain Control

Mechanism	No.	XX	Grants, Awards, & Contracts FY 1984 Funds	Prior Year Award Obligations	Active Grants, Awards and Contracts not Funded FY 1984	TOTAL Active Grants, Awards, and Contracts 30 Sept. 1984
	No.	XX	Dollars	No.	No.	No.
R01 Research Projects (Traditional)	97	1	10,507,287	2	43	140
R03 Small Research Grants	26	1	403,630	0	9	35
R13 Conferences (Traditional)	4	0	20,500	0	1	5
R23 New Investigator Research Awards	23	0	1,126,884	0	12	35
P01 Research Program Projects	8	4	2,919,442	19	8	8
RESEARCH GRANTS- Total	158	95	14,976,943	98	65	223
K04 Modified Res. Career Dev. Award	8	4	304,619	1	1	9
RESEARCH CAREER PROGRAM AWARDS- Total	8	4	304,619	1	1	9
GRAND TOTAL	166	100	15,281,562	100	66	232

Column 1: Supplements to grants or awards are not counted as grants or awards.

Column 2: Funds awarded for Supplements are included in these dollars even though the Supplements are not counted in Column 1.

Column 3: In order to account for all active grants in FY 1984, a supplement or award made in a prior year for which there is no parent grant or award in FY 1984 is counted as a grant or award and referred to as a Prior Year Award Obligation.

Column 7: Column 7 is a total of columns 1, 5, and 6.
Details may not add to total because of rounding. A percentage figure of zero indicates that there is a value between one and zero.

TABLE 32.-- INSTITUTIONS AWARDED GRANTS, AND RESEARCH CONTRACTS,
BY RANK ORDER OF AMOUNT AWARDED, FY 1984

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Craniofacial Anom. & Pain Control

Rank Order	Institution	City	State or Country	No. of Grants Awards & Contracts	Amount Awarded
1	UNITED STATES				
2	University of Michigan at Ann Arbor	Ann Arbor	Michigan	16	1,191,354
3	University of Washington	Seattle	Washington	10	1,187,753
4	University of Connecticut Health Center	Farmington	Connecticut	18	1,156,969
5	University of Iowa	Iowa City	Iowa	3	804,487
6	University of Southern California	Los Angeles	California	6	741,179
7	University of California San Francisco	San Francisco	California	6	616,274
8	University of North Carolina Chapel Hill	Chapel Hill	North Carolina	11	537,553
9	University of Illinois at Chicago	Chicago	Illinois	8	457,879
10	University of California Los Angeles	Los Angeles	California	5	445,216
11	University of California at San Diego	San Diego	California	2	395,897
12	Children's Hospital of Philadelphia	Philadelphia	Pennsylvania	2	352,783
13	New York University	New York	New York	1	351,712
14	Thomas Jefferson University	Philadelphia	Pennsylvania	4	326,583
15	University of Pittsburgh	Pittsburgh	Pennsylvania	1	309,705
16	State University of New York at Buffalo	Buffalo	New York	4	293,805
17	Tufts University	Boston	Massachusetts	2	275,457
18	Case Western Reserve University	Cleveland	Ohio	7	267,877
19	Harvard University	Boston	Massachusetts	5	264,679
20	Yeshiva University	New York	New York	1	262,415
21	Columbia University	New York	New York	2	248,942
22	University of Pennsylvania	Philadelphia	Pennsylvania	3	248,942
23	Westat, Inc.	Rockville	Maryland	1	194,503
24	Virginia Commonwealth University	Richmond	Virginia	2	178,319
25	Indiana Univ-Purdue Univ at Indianapolis	Indianapolis	Indiana	5	173,094
26	Ohio State University	Columbus	Ohio	3	166,702
27	Pennsylvania State University Park	University Park	Pennsylvania	5	162,277
28	Yale University	New Haven	Connecticut	1	157,836
29	Forsyth Dental Center	Boston	Massachusetts	1	149,352
30	University of California Davis	Davis	California	4	142,600
31	Johns Hopkins University	Baltimore	Maryland	3	142,589
32	Hospital for Special Surgery	New York	New York	1	130,920
33	McGarry Medical College	Nashville	Tennessee	1	129,558
34	University of Oregon	Eugene	Oregon	1	126,476
35	University of Texas Austin	Austin	Texas	1	121,697
36	Howard Health Sciences University	Portland	Oregon	1	119,083
37	Duke University	Durham	North Carolina	2	118,230
38	Graduate Hospital (Philadelphia)	Philadelphia	Pennsylvania	1	115,266
39	Univ of Med/Dent NJ-Rutgers Medical Sch	Piscataway	New Jersey	1	115,194
40	University of Texas M.D. Anderson Cancer Ctr	San Antonio	Texas	1	113,028
41	Gulf South Research Institute	Baton Rouge	Louisiana	1	103,541
42	University of Hawaii at Manoa	Honolulu	Hawaii	1	97,119
43	Baylor College of Dentistry	Dallas	Texas	1	88,401
44	University of California Irvine	Irvine	California	2	87,587
45	University of Kansas Col Hlth Sci & Hosp	Kansas City	Kansas	1	84,046
46	Michigan State University	East Lansing	Michigan	2	79,875
					76,211

Inactive without FY 1984 funds.

TABLE 32.--- INSTITUTIONS AWARDED GRANTS, AND RESEARCH CONTRACTS,
BY RANK ORDER OF AMOUNT AWARDED, FY 1984

D056

Craniofacial Anom. & Pain Control

Rank Order	Institution	City	State or Country	No. of Grants Awarded	Amount Awarded
47	Marquette University	Milwaukee	Wisconsin	3	75,040
48	University of Utah	Salt Lake City	Utah	2	73,760
49	Cornell University Ithaca	Ithaca	New York	1	71,967
50	Massachusetts General Hospital	Boston	Massachusetts	2	71,349
51	University of Alabama at Birmingham	Birmingham	Alabama	3	68,239
52	Washington University	Saint Louis	Missouri	2	68,012
53	North Dakota State University	Fargo	North Dakota	1	67,296
54	University of New Mexico Albuquerque	Albuquerque	New Mexico	2	63,233
55	Fairleigh Dickinson University Teaneck	Teaneck	New Jersey	1	59,300
56	Temple University	Philadelphia	Pennsylvania	2	58,485
57	Vanderbilt University	Nashville	Tennessee	1	55,223
58	Emory University	Atlanta	Georgia	1	54,616
59	Texas A&M Univ College Station	College Station	Texas	1	49,476
60	Creighton University	Omaha	Nebraska	1	47,716
61	University of Missouri Columbia	Columbia	Missouri	1	46,545
62	University of Minnesota at Kent	Minneapolis	Minnesota	1	45,114
63	Kent State University Medical Center	Kent	Ohio	2	44,997
64	University of Mississippi Cancer Center	Houston	Mississippi	1	42,233
65	University of Texas System Cancer Center	Sepulveda	Texas	1	38,776
66	U.S. Vets Admin Med Ctr (Sepulveda, Ca)	Houston	Texas	1	33,640
67	University of Texas Mth Sci Ctr Houston	Wearmark	New Jersey	1	32,857
68	University of Medicine & Dentistry of NJ	Bellevue	Washington	2	31,288
69	Western Washington University	Memphis	Tennessee	1	25,500
70	University of Penn Center Health Scien	Auherst	Massachusetts	1	21,750
71	University of Massachusetts Amherst	Detroit	Michigan	1	21,300
72	University of Detroit	Tampa	Florida	1	21,049
73	University of South Florida	New Orleans	Louisiana	1	20,949
74	Louisiana State Univ Med Ctr New Orleans	College Park	Maryland	1	20,400
75	University of Maryland College Pk Campus	Saint Louis	Missouri	1	16,238
76	St. Louis University	Kingston	Rhode Island	2	11,377
77	God. Res. Conf. Serv. Univ of Mth Sci	Bethesda	Maryland	1	7,831
78	U.S. Uniformed Services Univ of Hlth Sci	Kingston	Rhode Island	1	7,500
79	International Assoc/Machinists/Aerospace	Washington	Dist of Col	1	5,000
80	American Assn for Dental Research	Chicago	Illinois	1	5,000
81	American Dental Assn Health Fdn	Boston	Massachusetts	1	5,000
82	Children's Hospital (Boston)	Tallahassee	Florida	1	5,000
83	Florida State University	Lancaster	Pennsylvania	2	3,000
84	H. K. Cooper Clinic	Shreveport	Louisiana	1	0x
85	Louisiana State Univ Med Ctr Shreveport	Charleston	South Carolina	1	0x
86	Medical University of South Carolina	Evanston	Illinois	1	0x
87	Northwestern University	Hershey	Pennsylvania	1	0x
88	Pennsylvania State Univ Hershey Med Ctr	Houston	Texas	1	0x
89	Rice University	Edwardsville	Illinois	1	0x
90	Southern Illinois Univ at Edwardsville			1	0x
91				1	0x
92				1	0x

xActive without FY 1984 funds.

TABLE 32. --- INSTITUTIONS AWARDED GRANTS, AND RESEARCH CONTRACTS, IN ORDER OF AMOUNT AWARDED, FY 1984

Craniofacial Anom. & Pain Control

Rank	Institution	City	State or Country	No. of Grants Awarded & Contracts	Amount
UNITED STATES					
93	St. Joseph's Hosp/Med Ctr (Phoenix)	Phoenix	Arizona	1	0M
94	University of Chicago	Chicago	Illinois	1	0M
95	University of Connecticut	Storrs	Connecticut	1	0M
96	University of Denver	Denver	Colorado	1	0M
97	University of Maine at Orono	Orono	Maine	1	0M
98	University of Massachusetts Medical Sch	Worcester	Massachusetts	1	0M
99	University of Massachusetts Medical Sch	Dallas	Texas	1	0M
100	University of Texas With Sci Ctr Dallas	San Francisco	California	1	0M
101	University of the Pacific	Charlottesville	Virginia	1	0M
102	University of Virginia Charlottesville	Charlottesville	Virginia	1	0M
	West Virginia University	Morgantown	West Virginia	1	0M
	UNITED STATES - Total			229	15,177,278
FOREIGN					
1	University of Toronto	Toronto	Canada	2	104,284 0M
2	Mc Gill University	Montreal	Canada	1	0M
	FOREIGN - Total			3	104,284
	GRAND TOTAL - 104 Institutions			232	15,281,562

Active without FY 1984 funds.

PART V
MULTICATEGORICAL CENTERS

NOTE: Part V includes every NIDR grant, award, and research contract which has been classified as a Multicategorical Center.

TABLE 38.-- GRANTS, AWARDS, & RESEARCH CONTRACTS BY MECHANISM, FY 1984

D035

Multicategorical Centers

Mechanism	Grants, Awards, & Contracts FY 1984 Funds		Prior Year Award Obligations		Active Grants, Awards and Contracts not Funded FY 1984		TOTAL Active Grants, Awards, and Contracts 30 Sept. 1984	
	No.	\$x	Dollars	\$x	No.	\$x	No.	\$x
	1	2	3	4	5	6	7	
P50 Multicategorical Centers	5	100	7,599,000	100			5	
RESEARCH GRANTS- Total	5	100	7,599,000	100			5	
GRAND TOTAL	5	100	7,599,000	100			5	

Column 1: Supplements to grants or awards are not counted as grants or awards.
 Column 2: Funds awarded for Supplements are included in these dollars even though the Supplements are not counted in Column 1.
 Column 5: In order to account for all active grants in FY 1984, a supplement or award made in a prior year for which there is no parent grant or award in FY 1984 is counted as a grant or award and referred to as a Prior Year Award Obligation.
 Column 7: Column 7 is a total of columns 1, 5, and 6.
 Details may not add to total because of rounding. A percentage figure of zero indicates that there is a value between one and zero.

TABLE 39.--- INSTITUTIONS AWARDED GRANTS, AND RESEARCH CONTRACTS,
BY RANK ORDER OF AMOUNT AWARDED, FY 1984

D036

Multicategorical Centers

Rank Order	Institution	City	State or Country	No. of Grants Awards & Contracts	Amount Awarded
UNITED STATES					
1	University of Alabama at Birmingham	Birmingham	Alabama	1	1,980,000
2	University of Washington	Seattle	Washington	1	1,524,805
3	University of Michigan at Ann Arbor	Ann Arbor	Michigan	1	1,417,298
4	University of North Carolina Chapel Hill	Chapel Hill	North Carolina	1	1,400,000
5	University of Pennsylvania	Philadelphia	Pennsylvania	1	1,356,897
UNITED STATES - Total 5 Institutions					
	GRAND TOTAL - 5 Institutions			5	7,599,000

xActive without FY 1984 funds.

PART VI
MANPOWER DEVELOPMENT & TRAINING

NOTE: Part VI includes the NIDR grants and awards which have been classified as Manpower Development and/or Training Related.

Manpower Development & Training

Mechanism	Grants, Awards, & Contracts FY 1984 Funds			Prior Year Award Obligations		Active Grants, Awards and Contracts not Funded FY 1984		TOTAL Active Grants, Awards, and Contracts 30 Sept. 1984	
	No.	xx	Dollars	xx	No.	xx	No.	No.	
T32 Institutional Nat. Res. Service A	1	2	3	4	5	6	7		
T32 Institutional Nat. Res. Service A	26	6	2,805,806	17				26	
T35 NRSA Short Term Research Training	17	4	230,194	1				17	
GRADUATE TRAINING GRANTS- Total	43	45	3,036,000	74				43	
F32 Postdoc. Indiv. Nat. Res. Award	43	9	689,346	3		13		56	
F33 NRSA for Senior Fellows	4	1	97,654	0				4	
F34 MARC NRSA Faculty Fellowships	1	1	28,000	0				1	
FELLOWSHIPS- Total	48	50	815,000	20		13		61	
K11 Physician Scientist Award (Indiv)	4	4	210,289	5				4	
RESEARCH CAREER PROGRAM AWARDS- Total	4	4	210,289	5				4	
GRAND TOTAL	95	100	4,061,289	100		13		108	

Column 1: Supplements to grants or awards are not counted as grants or awards.

Column 2: Funds awarded for Supplements are included in these dollars even though the Supplements are not counted in Column 1.

Column 5: In order to account for all active grants in FY 1984, a supplement or award made in a prior year for which there is no parent grant or award in FY 1984 is counted as a grant or award and referred to as a Prior Year Award Obligation.

Column 7: Column 7 is a total of columns 1, 5, and 6.

*Details may not add to total because of rounding. A percentage figure of zero indicates that there is a value between one and zero.

TABLE 50.-- INSTITUTIONS AWARDED GRANTS, AND RESEARCH CONTRACTS,
BY RANK ORDER OF AMOUNT AWARDED, FY 1984

D036

Manpower Development & Training						
Rank	Institution	City	State or Country	No. of Grants Awards & Contracts	Amount Awarded	
UNITED STATES						
1	Harvard University	Boston	Massachusetts	9	708,464	
2	University of Connecticut Health Center	Farmington	Connecticut	7	438,832	
3	University of Alabama at Birmingham	Birmingham	Alabama	9	362,435	
4	State University of New York at Buffalo	Buffalo	New York	5	335,643	
5	University of Washington	Seattle	Washington	8	256,297	
6	University of Pennsylvania	Philadelphia	Pennsylvania	6	224,344	
7	University of North Carolina Chapel Hill	Chapel Hill	North Carolina	8	157,889	
8	University of Southern California	Los Angeles	California	1	156,711	
9	U.S. National Institutes of Health	Bethesda	Maryland	1	149,812	
10	Columbia University	New York	New York	1	126,264	
11	Indiana Univ-Purdue Univ at Indianapolis	Indianapolis	Indiana	3	101,333	
12	University of Florida	Gainesville	Florida	1	92,378	
13	Northwestern University	Chicago	Illinois	1	91,711	
14	Rensselaer Polytechnic Institute	Troy	New York	1	88,992	
15	Los Angeles County Harbor-Ucla Med Ctr	Torrance	California	1	84,682	
16	Virginia Commonwealth University	Richmond	Virginia	1	80,003	
17	University of Michigan at Ann Arbor	Ann Arbor	Michigan	3	73,943	
18	Georgia Institute of Technology	Atlanta	Georgia	4	58,246	
19	Eastman Dental Center	Rochester	New York	2	56,037	
20	University of Minnesota of Mpls-St Paul	Minneapolis	Minnesota	3	42,383	
21	University of Wisconsin Madison	Madison	Wisconsin	1	39,836	
22	University of Rochester	Rochester	New York	2	35,360	
23	University of Texas Mth Sci Ctr Houston	Houston	Texas	1	33,000	
24	Yale University	New Haven	Connecticut	1	33,000	
25	Forsyth Dental Center	Boston	Massachusetts	1	18,468	
26	Loma Linda University	Loma Linda	California	1	18,468	
27	University of Missouri Columbia	Columbia	Missouri	1	18,298	
28	Medical College of Georgia	Augusta	Georgia	1	17,736	
29	Children's Hospital (Boston)	Boston	Massachusetts	1	17,736	
30	University of Chicago	Chicago	Illinois	1	17,736	
31	University of Iowa	Iowa City	Iowa	1	17,040	
32	Emory University	Atlanta	Georgia	2	14,671	
33	University of Louisville	Louisville	Kentucky	1	14,671	
34	University of Illinois at Chicago	Chicago	Illinois	1	14,171	
35	Fairleigh Dickinson University Teaneck	Teaneck	New Jersey	1	11,671	
36	University of California San Francisco	San Francisco	California	1	11,003	
37	Johns Hopkins University	Baltimore	Maryland	1	8,590	
38	University of Mississippi Medical Center	Jackson	Mississippi	1	7,335	
39	University of Massachusetts Medical Sch	Worcester	Massachusetts	1	4,336	
40	Stanford University	Stanford	California	1	0x	
41	University of Tenn Center Health Sci	Memphis	Tennessee	1	0x	
42	University of Texas Mth Sci Ctr Dallas	Dallas	Texas	1	0x	
					107	4,064,249

*Active without FY 1984 funds.

TABLE 50.-- INSTITUTIONS AWARDED GRANTS, AND RESEARCH CONTRACTS,
BY RANK ORDER OF AMOUNT AWARDED, FY 1984

Manpower Development & Training

Rank Order	Institution	City	State or Country	No. of Grants Awards & Contracts	Amount Awarded
FOREIGN 1	University of Toronto	Toronto	Canada	1	17,040
FOREIGN	- Total	1 Institutions		1	17,040
GRAND TOTAL - 45 Institutions					4,061,289

Inactive without FY 1984 funds.

TABLE 26 - UNITED STATES - MAINTENANCE, REPAIRS, AND REPAIRS - 1977
BY STATE - 1977

Source: Department of Commerce, Bureau of Economic Analysis

State	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352	2353	2354	2355	2356	2357	2358	2359	2360	2361	2362	2363	2364	2365	2366	2367	2368	2369	2370	2371	2372	2373	2374	2375	2376	2377	2378	2379	2380	2381	2382	2383	2384	2385	2386	2387	2388	2389	2390	2391	2392	2393	2394	2395	2396	2397	2398	2399	2400	2401	2402	2403	2404	2405	2406	2407	2408	2409	2410	2411	2412	2413	2414	2415	2416	2417	2418	2419	2420	2421	2422	2423	2424	2425	2426	2427	2428	2429	2430	2431	2432	2433	2434	2435	2436	2437	2438	2439	2440	2441	2442	2443	2444	2445	2446	2447	2448	2449	2450	2451	2452	2453	2454	2455	2456	2457	2458	2459	2460	2461	2462	2463	2464	2465	2466	2467	2468	2469	2470	2471	2472	2473	2474	2475	2476	2477	2478	2479	2480	2481	2482	2483	2484	2485	2486	2487	2488	2489	2490	2491	2492	2493	2494	2495	2496	2497	2498	2499	2500	2501	2502	2503	2504	2505	2506	2507	2508	2509	2510	2511	2512	2513	2514	2515	2516	2517	2518	2519	2520	2521	2522	2523	2524	2525	2526	2527	2528	2529	2530	2531	2532	2533	2534	2535	2536	2537	2538	2539	2540	2541	2542	2543	2544	2545	2546	2547	2548	2549	2550	2551	2552	2553	2554	2555	2556	2557	2558	2559	2560	2561	2562	2563	2564	2565	2566	2567	2568	2569	2570	2571	2572	2573	2574	2575	2576	2577	2578	2579	2580	2581	2582	2583	2584	2585	2586	2587	2588	2589	2590	2591	2592	2593	2594	2595	2596	2597	2598	2599	2600	2601	2602	2603	2604	2605	2606	2607	2608	2609	2610	2611	2612	2613	2614	2615	2616	2617	2618	2619	2620	2621	2622	2623	2624	2625	2626	2627	2628	2629	2630	2631	2632	2633	2634	2635	2636	2637	2638	2639	2640	2641	2642	2643	2644	2645	2646	2647	2648	2649	2650	2651	2652	2653	2654	2655	2656	2657	2658	2659	2660	2661	2662	2663	2664	2665	2666	2667	2668	2669	2670	2671	2672	2673	2674	2675	2676	2677	2678	2679	2680	2681	2682	2683	2684	2685	2686	2687	2688	2689	2690	2691	2692	2693	2694	2695	2696	2697	2698	2699	2700	2701	2702	2703	2704	2705	2706	2707	2708	2709	2710	2711	2712	2713	2714	2715	2716	2717	2718	2719	2720	2721	2722	2723	2724	2725	2726	2727	2728	2729	2730	2731	2732	2733	2734	2735	2736	2737	2738	2739	2740	2741	2742	2743	2744	2745	2746	2747	2748	2749	2750	2751	2752	2753	2754	2755	2756	2757	2758	2759	2760	2761	2762	2763	2764	2765	2766	2767	2768	2769	2770	2771	2772	2773	2774	2775	2776	2777	2778	2779	2780	2781	2782	2783	2784	2785	2786	2787	2788	2789	2790	2791	2792	2793	2794	2795	2796	2797	2798	2799	2800	2801	2802	2803	2804	2805	2806	2807	2808	2809	2810	2811	2812	2813	2814	2815	2816	2817	2818	2819	2820	2821	2822	2823	2824	2825	2826	2827	2828	2829	2830	2831	2832	2833	2834	2835	2836	2837	2838	2839	2840	2841	2842	2843	2844	2845	2846	2847	2848	2849	2850	2851	2852	2853	2854	2855	2856	2857	2858	2859	2860	2861	2862	2863	2864	2865	2866	2867	2868	2869	2870	2871	2872	2873	2874	2875	2876	2877	2878	2879	2880	2881	2882	2883	2884	2885	2886	2887	2888	2889	2890	2891	2892	2893	2894	2895	2896	2897	2898	2899	2900	2901	2902	2903	2904	2905	2906	2907	2908	2909	2910	2911	2912	2913	2914	2915	2916	2917	2918	2919	2920	2921	2922	2923	2924	2925	2926	2927	2928	2929	2930	2931	2932	2933	2934	2935	2936	2937	2938	2939	2940	2941	2942	2943	2944	2945	2946	2947	2948	2949	2950	2951	2952	2953	2954	2955	2956	2957	2958	2959	2960	2961	2962	2963	2964	2965	2966	2967	2968	2969	2970	2971	2972	2973	2974	2975	2976	2977	2978	2979	2980	2981	2982	2983	2984	2985	2986	2987	2988	2989	2990	2991	2992	2993	2994	2995	2996	2997	2998	2999	3000	3001	3002	3003	3004	3005	3006	3007	3008	3009	3010	3011	3012	3013	3014	3015	3016	3017	3018	3019	3020	3021	3022	3023	3024	3025	3026	3027	3028	3029	3030	3031	3032	3033	3034	3035	3036	3037	3038	3039	3040	3041	3042	3043	3044	3045	3046	3047	3048	3049	3050	3051	3052	3053	3054	3055	3056	3057	3058	3059	3060	3061	3062	3063	3064	3065	3066	3067	3068	3069	3070	3071	3072	3073	3074	3075	3076	3077	3078	3079	3080	3081	3082	3083	3084	3085	3086	3087	3088	3089	3090	3091	3092	3093	3094	3095	3096	3097	3098	3099	3100	3101	3102	3103	3104	3105	3106	3107	3108	3109	3110	3111	3112	3113	3114	3115	3116	3117	3118	3119	3120	3121	3122	3123	3124	3125	3126	3127	3128	3129	3130	3131	3132	3133	3134	3135	3136	3137	3138	3139	3140	3141	3142	3143	3144	3145	3146	3147	3148	3149	3150	3151	3152	3153	3154	3155	3156	3157	3158	3159	3160	3161	3162	3163	3164	3165	3166	3167	3168	3169	3170	3171	3172	3173	3174	3175	3176	3177	3178	3179	3180	3181	3182	3183	3184	3185	3186	3187	3188	3189	3190	3191	3192	3193	3194	3195	3196	3197	3198	3199	3200	3201	3202	3203	3204	3205	3206	3207	3208	3209	3210	3211	3212	3213	3214	3215	3216	3217	3218	3219	3220	3221	3222	3223	3224	3225	3226	3227	3228	3229	3230	3231	3232	3233	3234	3235	3236	3237	3238	3239	3240	3241	3242	3243	3244	3245	3246	3247	3248	3249	3250	3251	3252	3253	3254	3255	3256	3257	3258	3259	3260	3261	3262	3263	3264	3265	3266	3267	3268	3269	3270	3271	3272	3273	3274	3275	3276	3277	3278	3279	3280	3281	3282	3283	3284	3285	3286	3287	3288	3289	3290	3291	3292	3293	3294	3295	3296	3297	3298	3299	3300	3301	3302	3303	3304	3305	3306	3307	3308	3309	3310	3311	3312	3313	3314	3315	3316	3317	3318	3319	3320	3321	3322	3323	3324	3325	3326	3327	3328	3329	3
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PART VII
ALL DENTAL RESEARCH INSTITUTES & CENTERS

NOTE: Part VII includes the NIDR research grants and research contracts which have been classified as a Dental Research Institute and Center.

TABLE 63.-- RESEARCH PROJECTS AT DENTAL RESEARCH INSTITUTES AND CENTERS,
BY INSTITUTION, FY 1984

Type of Center and Institution	Department	Research Projects No. & Dollars	No. of Grants
CARIES CENTERS			
Forsyth Dental Center	Clinical Trials & Experimentation	7 415,306	3
University of Iowa	Bowen Inst for Dental Research	7 392,789	4
University of Rochester	Dental Research	8 483,572	1
	SUBTOTAL	22 1,291,667	8
PERIODONTAL DISEASE CENTERS			
Forsyth Dental Center	Periodontology	4 934,538	1
State University of New York at Buffalo	Oral Biology	3 877,759	1
Virginia Commonwealth University	Periodontics	3 909,541	1
	SUBTOTAL	10 2,721,838	3
MULTICATEGORICAL CENTERS			
University of Alabama in Birmingham	Institute of Dental Research	14 1,900,000	4
University of Michigan at Ann Arbor	Oral Biology	9 1,417,298	3
University of North Carolina Chapel Hill	Dental Research Center	19 1,400,000	2
University of Pennsylvania	Ctr for Oral Health Research	9 1,356,897	5
University of Washington	Center for Res in Oral Biology	13 1,524,805	6
	SUBTOTAL	64 7,599,000	0
	TOTAL CENTERS	96 11,612,505	1

*The numbers refer to the individual research projects at each institute which are supported by the NIDR research grant to that institute.

THE FOLLOWING INFORMATION IS FOR INFORMATIONAL PURPOSES ONLY AND IS NOT TO BE USED FOR ANY OTHER PURPOSE.

1. NAME OF THE PERSON	2. DATE OF BIRTH	3. SEX	4. RACE	5. HEIGHT	6. WEIGHT	7. EYES	8. HAIR	9. SKIN	10. BLOOD TYPE	11. SOCIAL SECURITY NUMBER	12. MARITAL STATUS	13. OCCUPATION	14. EDUCATION	15. RELIGION	16. POLITICAL AFFILIATION	17. MILITARY SERVICE	18. CRIMINAL RECORD	19. PSYCHIC EVALUATION	20. OTHER INFORMATION
JOHN DOE	12/15/1945	M	W	5'10"	175	B	B	F	O+	123-45-6789	M	Engineer	High School	Catholic	Republican	None	None	None	None
JANE DOE	08/22/1948	F	W	5'8"	150	B	B	F	O+	987-65-4321	M	Teacher	College	Catholic	Democrat	None	None	None	None
JOHN DOE	03/10/1950	M	W	6'2"	200	B	B	F	O+	555-11-2233	M	Doctor	University	Catholic	Republican	None	None	None	None
JANE DOE	07/05/1952	F	W	5'6"	140	B	B	F	O+	444-33-2211	M	Nurse	College	Catholic	Democrat	None	None	None	None
JOHN DOE	01/20/1955	M	W	5'9"	165	B	B	F	O+	333-22-1100	M	Engineer	High School	Catholic	Republican	None	None	None	None
JANE DOE	09/18/1958	F	W	5'7"	155	B	B	F	O+	222-11-0099	M	Teacher	College	Catholic	Democrat	None	None	None	None
JOHN DOE	04/01/1960	M	W	6'0"	180	B	B	F	O+	111-00-9988	M	Doctor	University	Catholic	Republican	None	None	None	None
JANE DOE	06/12/1962	F	W	5'5"	145	B	B	F	O+	000-99-8877	M	Nurse	College	Catholic	Democrat	None	None	None	None
JOHN DOE	11/25/1965	M	W	5'11"	190	B	B	F	O+	999-88-7766	M	Engineer	High School	Catholic	Republican	None	None	None	None
JANE DOE	02/14/1968	F	W	5'4"	135	B	B	F	O+	888-77-6655	M	Teacher	College	Catholic	Democrat	None	None	None	None
JOHN DOE	05/03/1970	M	W	6'1"	210	B	B	F	O+	777-66-5544	M	Doctor	University	Catholic	Republican	None	None	None	None
JANE DOE	08/20/1972	F	W	5'6"	150	B	B	F	O+	666-55-4433	M	Nurse	College	Catholic	Democrat	None	None	None	None
JOHN DOE	12/01/1975	M	W	5'10"	175	B	B	F	O+	555-44-3322	M	Engineer	High School	Catholic	Republican	None	None	None	None
JANE DOE	03/15/1978	F	W	5'8"	150	B	B	F	O+	444-33-2211	M	Teacher	College	Catholic	Democrat	None	None	None	None
JOHN DOE	07/28/1980	M	W	6'0"	180	B	B	F	O+	333-22-1100	M	Doctor	University	Catholic	Republican	None	None	None	None
JANE DOE	10/10/1982	F	W	5'7"	155	B	B	F	O+	222-11-0099	M	Nurse	College	Catholic	Democrat	None	None	None	None
JOHN DOE	01/05/1985	M	W	5'9"	165	B	B	F	O+	111-00-9988	M	Engineer	High School	Catholic	Republican	None	None	None	None
JANE DOE	04/18/1988	F	W	5'6"	145	B	B	F	O+	000-99-8877	M	Teacher	College	Catholic	Democrat	None	None	None	None
JOHN DOE	06/22/1990	M	W	6'1"	210	B	B	F	O+	999-88-7766	M	Doctor	University	Catholic	Republican	None	None	None	None
JANE DOE	09/05/1992	F	W	5'5"	135	B	B	F	O+	888-77-6655	M	Nurse	College	Catholic	Democrat	None	None	None	None
JOHN DOE	11/18/1995	M	W	5'11"	190	B	B	F	O+	777-66-5544	M	Engineer	High School	Catholic	Republican	None	None	None	None
JANE DOE	02/25/1998	F	W	5'4"	135	B	B	F	O+	666-55-4433	M	Teacher	College	Catholic	Democrat	None	None	None	None
JOHN DOE	05/08/2000	M	W	6'0"	180	B	B	F	O+	555-44-3322	M	Doctor	University	Catholic	Republican	None	None	None	None
JANE DOE	08/12/2002	F	W	5'7"	155	B	B	F	O+	444-33-2211	M	Nurse	College	Catholic	Democrat	None	None	None	None
JOHN DOE	10/20/2005	M	W	5'9"	165	B	B	F	O+	333-22-1100	M	Engineer	High School	Catholic	Republican	None	None	None	None
JANE DOE	12/01/2008	F	W	5'6"	145	B	B	F	O+	222-11-0099	M	Teacher	College	Catholic	Democrat	None	None	None	None
JOHN DOE	01/15/2010	M	W	6'1"	210	B	B	F	O+	111-00-9988	M	Doctor	University	Catholic	Republican	None	None	None	None
JANE DOE	03/20/2012	F	W	5'5"	135	B	B	F	O+	000-99-8877	M	Nurse	College	Catholic	Democrat	None	None	None	None
JOHN DOE	05/25/2015	M	W	5'11"	190	B	B	F	O+	999-88-7766	M	Engineer	High School	Catholic	Republican	None	None	None	None
JANE DOE	07/30/2018	F	W	5'4"	135	B	B	F	O+	888-77-6655	M	Teacher	College	Catholic	Democrat	None	None	None	None
JOHN DOE	09/05/2020	M	W	6'0"	180	B	B	F	O+	777-66-5544	M	Doctor	University	Catholic	Republican	None	None	None	None
JANE DOE	11/10/2022	F	W	5'7"	155	B	B	F	O+	666-55-4433	M	Nurse	College	Catholic	Democrat	None	None	None	None

PART VIII
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TABLE 64.-- LIST OF RESEARCH GRANTS, BY GRANT NUMBER, FY 1984

D002

Type of Application and Grant Number	Principal Investigator	Institution	Division	Amount Awarded
5R01DE01374-24	Vais, Arthur	Northwestern University	School of Medicine	175,529
2R01DE01554-23	Mandel, Irwin D	Columbia University	School of Dentistry	183,232
5P01DE01697-22	Forrest, Edward J	University of Pittsburgh	School of Dentistry	326,583
2P01DE01850-21	Singer, Leon	University of Minnesota of Mpls-St Paul	School of Dentistry	286,678
5R01DE01912-21	Young, Robert A	Georgia Institute of Technology	Engineering or Technical Inst.	177,284
5R01DE02103-20	Urist, Marshall R	University of California Los Angeles	School of Medicine	217,822
5R01DE02110-20	Schneyer, Charlotte A	University of Alabama in Birmingham	School of Dentistry	136,923
5R01DE02212-15	Meyer, Maurice M	University of Minnesota of Mpls-St Paul	School of Dentistry	114,815
5R01DE02320-19	Mahler, David B	Oregon Health Sciences University	School of Dentistry	96,633
5R01DE02342-13	Meyer, Julia	University of Illinois at Chicago	School of Dentistry	124,782
5R01DE02525-19	Simmelink, James M	Case Western Reserve University	School of Dentistry	1,524,805
5P50DE02600-18	Page, Roy C	University of Washington	Dental Research Institute	452,296
5P50DE02623-16S1	Rosenbloom, Joel	University of Pennsylvania	Dental Research Institute	904,601
2P50DE02623-17	Rosenbloom, Joel	University of Pennsylvania	Dental Research Institute	1,400,000
5P50DE02668-18	Pawden, James M	University of North Carolina Chapel Hill	Dental Research Institute	1,400,000
5P50DE02731-17S1	Fullmer, Harold M	University of Alabama in Birmingham	Dental Research Institute	462,070
2P50DE02731-18	Avery, James K	University of Michigan at Ann Arbor	Dental Research Institute	955,228
5R01DE02774-16	Brinkley, Linda L	University of Michigan at Ann Arbor	School of Dentistry	83,768
5P01DE02847-16	Gibbons, Ronald J	Forsyth Dental Center	Advanced Education Institution	672,131
5P01DE02848-14	Slavkin, Harold C	University of Southern California	School of Dentistry	324,923
5R01DE02862-17	Richardson, Elisha R	Meharry Medical College	School of Dentistry	128,999
5P01DE02872-15	Adams, Howard	University of Illinois at Chicago	School of Dentistry	284,118
5R01DE02873-15	Moorrees, Coenraad F	Forsyth Dental Center	Advanced Education Institution	73,158
5R01DE02936-16	Mahler, David B	Oregon Health Sciences University	School of Dentistry	117,861
5R01DE02953-13	Li, Shu-Tung	University of Connecticut Health Center	School of Medicine	0
5R01DE03118-13	Smith, Eric E	University of Miami	School of Dentistry	129,322
5R01DE03180-14	Rosen, Burton	University of Pennsylvania	Advanced Education Institution	260,659
5R01DE03187-13	Moreno, Edgard C	Forsyth Dental Center	School of Arts and Sciences	63,835
5R01DE03223-14	Nancollas, George H	State University of New York at Albany	School of Dentistry	109,367
5R01DE03246-15	Caplow, Michael	University of North Carolina Chapel Hill	School of Dentistry	96,636
5R01DE03258-13	Kuramitsu, Howard K	Northwestern University	School of Dentistry	177,581
2R01DE03301-14	Page, Roy C	University of Washington	School of Dentistry	129,671
5R01DE03318-13	Schneir, Michael I	University of Southern California	School of Dentistry	0
5R01DE03408-09	Nisengard, Russell J	State University of New York at Buffalo	Advanced Education Institution	124,914
5R01DE03420-12	Taubman, Martin A	Forsyth Dental Center	School of Medicine	126,789
5R01DE03487-13	Shockman, Gerald D	Temple University	Advanced Education Institution	117,125
2R01DE03488-13	Tanner, Anne C	Forsyth Dental Center	School of Dentistry	0
5R01DE03497-11	Young, Franklin A, Jr	Medical University of South Carolina	School of Dentistry	352,783
5R01DE03545-10	Burstone, Charles J	University of Connecticut Health Center	School of Dentistry	102,850
5P01DE03568-10	McCarthy, Joseph G	New York University	School of Medicine	143,326
2R01DE03578-13	Robyt, John F	Iowa State University of Science & Tech	Engineering or Technical Inst.	83,564
2R01DE03598-09	Baurind, Sheldon	University of California San Francisco	School of Dentistry	128,366
2R01DE03601-11A2	Mark, Hiroslav I	Georgia Institute of Technology	Engineering or Technical Inst.	361,528
5R01DE03606-15	Anderson, Dwight L	University of Minnesota of Mpls-St Paul	School of Pharmacy	0
2P01DE03610-18	Moyers, Robert E	University of Michigan at Ann Arbor	Organized Research Unit	0

*Active Without FY84 Funds.
 **Prior Year Award Obligations.

TABLE 64.-- LIST OF RESEARCH GRANTS, BY GRANT NUMBER, FY 1984

Type of Application and Grant Number	Principal Investigator	Institution	Division	Amount Awarded
5R01DE03619-10	Davidovitch, Zeev	University of Pennsylvania	School of Dentistry	0x
5R01DE03631-09	Hamlet, Sandra L	University of Maryland College Pk Campus	School of Medicine	106,082
5R01DE03638-20	Azen, Edwin A	University of Wisconsin Madison	School of Medicine	0x
5R01DE03666-08	Sodicoff, Marvin	Temple University	School of Dentistry	135,607
5R01DE03703-08	Baumrind, Sheldon	University of California San Francisco	School of Dentistry	0x
5R01DE03715-08	Rossonando, Edward F	University of Connecticut Health Center	School of Arts and Sciences	71,790
5R01DE03731-09	Mayer, Robert M	Ohio State University	School of Medicine	149,028
5R01DE03738-12	Snyderman, Ralph J	Duke University	School of Dentistry	124,429
5R01DE03739-12	Mooser, Gregory R	State University of New York Stony Brook	School of Dentistry	142,586
5R01DE03745-13	Garrant, Phillip R	University of Connecticut Health Center	School of Dentistry	180,088
5R01DE03758-10	Tanzer, Jason M	University of Texas Hlth Sci Ctr Dallas	School of Medicine	0x
5R01DE03794-11	Bell, William H	University of Massachusetts Medical Sch	School of Medicine	0x
5R01DE03818-09	Marks, Sandy C, Jr	University of Connecticut Health Center	School of Dentistry	220,405
5R01DE03868-09	Kegales, S Stephen	Forsyth Dental Center	Advanced Education Institution	148,687
5R01DE03915-11	Hay, Donald I	Forsyth Dental Center	Advanced Education Institution	98,645
5R01DE03917-09	Kashket, Shalby R	U.S. PHS Public Advisory Groups	Scientific Evaluation	30,000xx
5R01DE03936-05S3	Dirksen, Thomas R	U.S. PHS Public Advisory Groups	Scientific Evaluation	40,000xx
5R01DE03936-05S4	Dirksen, Thomas R	U.S. PHS Public Advisory Groups	Scientific Evaluation	15,000xx
5R01DE03936-05S5	Dirksen, Thomas R	U.S. PHS Public Advisory Groups	Scientific Evaluation	20,000xx
5R01DE03936-05S6	Dirksen, Thomas R	U.S. PHS Public Advisory Groups	Scientific Evaluation	38,950xx
5R01DE03936-05S7	Dirksen, Thomas R	U.S. PHS Public Advisory Groups	Scientific Evaluation	197,568
5R01DE03953-10	Burstone, Charles J	University of Connecticut Health Center	School of Dentistry	0x
5R01DE03965-10	Johnson, Lewis B, Jr	University of Virginia Charlottesville	Engineering or Technical Inst.	172,914
5R01DE03987-10	Golub, Lorne M	State University of New York Stony Brook	School of Dentistry	0x
5R01DE03991-08	Natiella, Joseph R	State University of New York at Buffalo	School of Dentistry	298,107
5R01DE03995-10	Taichman, Norton S	University of Pennsylvania	School of Arts and Sciences	123,642
5R01DE04008-10	Caplan, Arnold I	Case Western Reserve University	School of Medicine	0x
5R01DE04039-05	Vittak, Jozef	New York Medical College	School of Dentistry	0x
5R01DE04047-05	Evans, Richard T	University of Connecticut Health Center	School of Dentistry	94,106
5R01DE04061-07	Flaiss, Joseph L	State University of New York at Buffalo	School of Dentistry	0x
5R01DE04068-10	Langland, Kaare	Columbia University	School of Dentistry	0x
5R01DE04096-06	Le Garos, Racquel Z	University of Connecticut Health Center	School of Dentistry	131,702
5R01DE04123-09	Dabbous, Mustafa	New York University	School of Medicine	0x
5R01DE04136-10	Koran, Andrew, III	University of Michigan at Ann Arbor	School of Dentistry	66,392
5R01DE04141-10	Boskey, Charles H	Hospital for Special Surgery	School of Dentistry	129,558
5R01DE04157-10	Muhl, Zane F	University of Illinois at Chicago	School of Dentistry	43,533
5R01DE04164-07	Goldsberg, Louis J	University of California Los Angeles	School of Dentistry	95,072
5R01DE04166-15	Knox, Kenneth W	Institute of Dental Research	School of Dentistry	0x
5R01DE04174-09	Hicken, Anthony J	University of New South Wales	Private Research Unit	0x
5R01DE04175-09	Jordan, Truman H	Cornell College	School of Medicine Sciences	101,874
5R01DE04192-09	Mc Ghee, Jerry R	University of Alabama in Birmingham	School of Dentistry	75,728
5R01DE04217-10	Macrina, Francis L	Virginia Commonwealth University	School of Dentistry	93,208
5R01DE04224-10	Natiella, Joseph R	State University of New York at Buffalo	School of Dentistry	93,459
5R01DE04226-08	Mc Namara, James	University of Michigan at Ann Arbor	School of Arts and Sciences	0x
5R01DE04227-10				0x

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 *Prior Year Award Obligations.

TABLE 64.-- LIST OF RESEARCH GRANTS, BY GRANT NUMBER, FY 1984

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Type of Application and Grant Number	Principal Investigator	Institution	Division	Amount Awarded
5R01DE04230-09	Skobe, Ziedonis	Forsyth Dental Center	Advanced Education Institution	75,815
5R01DE04235-08	Thomas, Edwin L	St. Jude Children's Research Hospital	Hospital (Non-University)	74,229
5R01DE04278-09	Cowan, Richard A	University of Miami	School of Medicine	136,965
5R01DE04296-10	Pollock, Jerry J	State University of New York Stony Brook	School of Dentistry	126,476
5R01DE04316-08	Heston, James A	University of Oregon	School of Arts and Sciences	172,648
5R01DE04321-10	Mc Cabe, Mead M	University of Miami	School of Medicine	129,150
5R01DE04327-09	Rodan, Gideon A	University of Connecticut Health Center	School of Dentistry	137,856
5R01DE04335-06	Onderbeck, William R	University of Medicine & Dentistry of NJ	School of Arts and Sciences	100,481
5R01DE04343-09	Schraer, Harold	Pennsylvania State University at Buffalo	School of Medicine	93,638
5R01DE04358-08	Chow, Laurence C	American Dental Assn Health Fdn	Dental and Related Organization	115,394
5R01DE04385-09	Allmann, David W	Indiana Univ-Purdue Univ at Indianapolis	School of Dentistry	96,643
5R01DE04387-08	Vogel, James J	University of Texas Mth Sci Ctr Houston	School of Dentistry	93,393
5R01DE04439-06	Hefal, James S	University of Iowa	School of Dentistry	150,561
2R01DE04486-07	Riviera, George R	University of California Los Angeles	School of Dentistry	32,504
5R01DE04489-07	Taichman, Lorne B	State University of New York at Buffalo	School of Dentistry	93,003
5R01DE04494-07	Ryge, Gunnar	State University of the Pacific	School of Dentistry	104,774
5R01DE04511-09	Levine, Michael J	State University of New York at Buffalo	Advanced Education Institution	115,266
5R01DE04518-08	Hillman, Jeffrey D	Forsyth Dental Center	School of Medicine	87,517
5R01DE04529-08	Liljenmark, William F	Duke University	School of Dentistry	216,057
5R01DE04531-07	Goldman, Allen S	University of Minnesota of Mpls-St Paul	Hospital (Non-University)	102,146
5R01DE04544-08	Kahn, Arnold J	Children's Hospital of Philadelphia	School of Medicine	46,932
5R01DE04622-08	Charon, Hyles M	Washington University	School of Dentistry	167,229
2R01DE04629-08	Dale, Beverly A	West Virginia University	School of Dentistry	34,337
5R01DE04645-07	Marshall, Sally J	University of Washington	School of Arts and Sciences	149,352
5R01DE04660-09	Jordan, Truman H	Northwestern University	School of Medicine	154,794
5R01DE04704-06	Coykendall, Alan L	Cornell College	School of Dentistry	45,916
5R01DE04721-06	Baron, Roland E	University of Connecticut Health Center	Advanced Education Institution	116,670
5R01DE04724-06	Minkoff, Robert	Yale University	School of Dentistry	78,799
5R01DE04731-06	Taubman, Martin A	University of North Carolina Chapel Hill	School of Dentistry	138,619
5R01DE04733-07	Coburn, Robert A	Forsyth Dental Center	School of Pharmacy	0x
5R01DE04744-06	Rauls, Henry R	State University of New York at Buffalo	School of Dentistry	0x
5R01DE04749-05	Quisell, David O	Louisiana State Univ Med Ctr New Orleans	School of Medicine	0x
5R01DE04776-06	Sessle, Barry J	University of Colorado Hlth Sciences Ctr	School of Dentistry	0x
5R01DE04780-07	Minsh, Glenn E	University of Toronto	School of Dentistry	0x
5R01DE04795-06	Gutteman, Lawrence	University of Maryland at Baltimore	Private Research Unit	0x
5R01DE04814-05	Clarkson, Brian H	Gulf South Research Institute	School of Dentistry	0x
5R01DE04835-05	King, Gregory J	University of Iowa	School of Dentistry	0x
5R01DE04844-06	Tyler, Mary S	University of Florida	School of Arts and Sciences	0x
5R01DE04859-05	Navia, Juan M	University of Alabama in Birmingham	School of Dentistry	934,538
5R01DE04862-06	Socransky, Sigmund S	Forsyth Dental Center	Dental Research Institute	140,523
5P50DE04881-08	Asger, Kamal	University of Michigan at Ann Arbor	School of Dentistry	68,850
5R01DE04883-07	Mc Call, Willard D, Jr	State University of New York at Buffalo	School of Dentistry	0x
5R01DE04889-06	Nyman, Sture	Gothenburg University	School of Dentistry	0x
5R01DE04890-06				

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TABLE 64.-- LIST OF RESEARCH GRANTS, BY GRANT NUMBER, FY 1984

Type of Application and Grant Number	Principal Investigator	Institution	Division	Amount Awarded
2801DE04897-04A1	Martinez, J Ricardo	University of Missouri Columbia	School of Medicine	186,789
5P50DE04898-08	Genco, Robert J	State University of New York at Buffalo	Dental Research Institute	877,759
5R01DE04903-06	Byers, Benjamin R	University of Mississippi Medical Center	School of Medicine	64,328
5R01DE04926-06	Mc Intire, Floyd C	University of Colorado Hlth Sciences Ctr	School of Dentistry	0x
5R01DE04940-06	Miller, Arthur J	University of California San Francisco	School of Medicine	0x
5R01DE04945-06	Mastrum, Lemick E	University of Washington	School of Medicine	74,322
5R01DE04960-06	Denny, Paul C	University of Southern California	School of Dentistry	71,472
5R01DE04961-06	Minkin, Cedric	University of Chicago	School of Dentistry	122,148
5R01DE04970-06	Schwarz, Stephen A	State University of New York at Buffalo	Advanced Education Institution	0x
5R01DE04971-06	Levine, Michael J	State University of Pennsylvania	School of Dentistry	153,313
5R01DE05008-06	Gasser, David L	State University of New York at Buffalo	School of Medicine	132,226
5R01DE05017-06	Lincer, Rosemary	Marquette University	School of Dentistry	82,295
5R01DE05024-06	Torio, Robert J	Loyola University Medical Center	School of Medicine	67,064
5R01DE05027-06	Yotis, William M	American Dental Assn Health Fdn	School of Medicine	0x
5R01DE05030-06	Mathew, Mathai	Children's Hospital of Philadelphia	Dental and Related Organization	142,088
5R01DE05041-06	Goldman, Allen S	Medical University of South Carolina	Hospital (Non-University)	179,840
5R01DE05049-03	Boackler, Robert J	University of Oklahoma Hlth Sciences Ctr	School of Dentistry	0x
5R01DE05050-03	Levine, Martin	New Jersey Institute of Technology	Engineering or Technical Inst.	96,282
5R01DE05053-05	Kristol, David S	Virginia Commonwealth University	School of Dentistry	287,233
5R01DE05054-06	Ranney, Richard R	Forsyth Dental Center	School of Dentistry	99,985
5R01DE05067-06	Gron, Paul	Case Western Reserve University	Advanced Education Institution	0x
5R01DE05078-06	Butler, William T	University of Alabama in Birmingham	School of Dentistry	205,402
5R01DE05092-06	Doyle, Ronald J	University of Louisville	School of Dentistry	89,420
5R01DE05102-07	Zandt, Carl L	University of Minnesota	School of Dentistry	0x
5R01DE05104-03	Simmons, David J	Washington University	School of Arts and Sciences	0x
5R01DE05109-03	Holt, Stanley C	University of Massachusetts Amherst	School of Medicine	75,677
5R01DE05123-07	Bowen, Rafael L	American Dental Assn Health Fdn	Dental and Related Organization	144,566
5R01DE05129-07	Bonica, John J	University of Washington	School of Medicine	590,241
5R01DE05130-05	Ranney, Richard R	Virginia Commonwealth University	School of Medicine	909,541
5P50DE05139-07	Kuramitsu, Howard K	Northwestern University	School of Medicine	0x
5R01DE05141-03	Moos, Melvin L	Columbia University	School of Medicine	82,672
5R01DE05145-05	Byers, Margaret R	Temple University	School of Dentistry	0x
5R01DE05159-06	Danco-Moore, Ian C	University of Iowa	School of Dentistry	0x
5R01DE05180-06	Mackenzie, Ian C	University of North Carolina Chapel Hill	School of Dentistry	0x
5R01DE05190-06	Proffit, William R	Northwestern University	School of Medicine	82,007
5R01DE05198-06	Rosenfeld, Joel P	University of Kansas Col Hlth Sci & Hosp	School of Dentistry	128,166
5R01DE05200-05	Jilka, Robert L	University of North Carolina Chapel Hill	School of Dentistry	0x
5R01DE05210-05	Toverud, Svein U	University of North Carolina Chapel Hill	School of Dentistry	0x
5R01DE05215-06	Proffit, William R	University of Colorado Hlth Sciences Ctr	School of Dentistry	0x
2R01DE05224-02	Apostolopoulos, A X	University of Michigan at Ann Arbor	Organized Research Unit	37,966
5R01DE05232-06	Carlson, David S	University of Washington	School of Dentistry	115,691
5R01DE05249-05	Hekson, Eileen L	University of Washington	School of Dentistry	149,772
2R01DE05251-05	Keller, Patricia J	Columbia University	School of Dentistry	0x
5R01DE05252-03	Fine, Daniel H	Columbia University	School of Dentistry	0x

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Prior Year Award Obligations.

TABLE 64.-- LIST OF RESEARCH GRANTS, BY GRANT NUMBER, FY 1984

D002

Type of Application and Grant Number	Principal Investigator	Institution	Division	Amount Awarded
5R01DE05253-05	Brudevold, Finn	Forsyth Dental Center	Advanced Education Institution	196,683
5R01DE05255-06	Sakamoto, Seizaburo	Harvard University	School of Dentistry	206,279
5R01DE05262-05	Anderson, Harrison C	University of Kansas Col With Sci & Hosp	School of Medicine	79,875
5R01DE05269-06	Baxden, James M	University of North Carolina Chapel Hill	School of Dentistry	90,323
5R01DE05292-05	Cook, Stephen D	Tulane University of Louisiana	Engineering or Technical Inst.	0X
5R01DE05292-05	Meinard, Barbara G	University of Florida	School of Arts and Sciences	118,726
2R01DE05305-04A1	Grabar, Thomas H	American Dental Assn Health Fdn	Dental and Related Organization	0X
5R01DE05307-04	Vaidyanathan, Tritala K	New York University	School of Dentistry	0X
5R23DE05314-03	Freund, Thomas S	Fairleigh Dickinson University Teaneck	School of Dentistry	143,275
5R23DE05321-03	Goldberg, A Jon	University of Connecticut Health Center	School of Medicine	0X
5R01DE05322-03	Erickson, Robert P	University of Michigan at Ann Arbor	School of Medicine	0X
5R01DE05322-03	Eisenmann, Dale R	University of Illinois at Chicago	School of Medicine	0X
5R01DE05323-03	Shillito, Edward J	University of California San Francisco	School of Dentistry	0X
2R01DE05330-04	Patterson, Mark R	University of Connecticut Health Center	School of Dentistry	0X
5R23DE05331-03	Goodson, Jo Max	Forsyth Dental Center	Advanced Education Institution	142,995
2R01DE05334-04A1	De Rijk, Waldemar G	American Dental Assn Health Fdn	Dental and Related Organization	0X
5R01DE05335-06	Chow, Laurence C	American Dental Assn Health Fdn	Dental and Related Organization	184,966
5R01DE05336-07	Riviere, George R	University of California Los Angeles	School of Medicine	148,879
5R01DE05339-03	Levine, Jon D	University of Queensland	School of Medicine	0X
5R01DE05369-06	Bell, Leonard C	University of Washington	School of Agriculture	184,988
5R01DE05375-02	Moffett, Benjamin C, Jr	University of Iowa	School of Dentistry	95,191
5R01DE05379-04	Solberg, William K	University of Connecticut Health Center	School of Dentistry	114,659
5R01DE05381-03	Mackenzie, Ian C	University of California San Francisco	School of Dentistry	0X
5R01DE05395-05	Nanda, Ravindra	University of California San Francisco	School of Medicine	25,485
2R01DE05396-06A1	Chierici, George	University of Toronto	School of Medicine	63,998
5R01DE05397-03	Dostrovsky, Jonathan O	University of Michigan at Ann Arbor	Organized Research Unit	136,303
5R01DE05404-06	Bookstein, Fred L	Jewish Hospital of St. Louis	Hospital (Non-University) Inst.	86,297
5R01DE05410-05	Taitelbaum, Steven L	Kennelauer Polytechnic Institute	Engineering or Technical Inst.	87,812
5R01DE05413-05	Brunski, John B	University of Michigan at Ann Arbor	School of Dentistry	0X
5R01DE05418-05	O'Brien, William J	University of Louisville	School of Dentistry	107,594
5R01DE05423-05	Statt, Robert H	University of Florida	School of Dentistry	0X
5R01DE05427-03	Clark, William B	Stevens Institute of Technology	Engineering or Technical Inst.	0X
5R01DE05429-06	Ryan, Vivian M	University of Southern California	School of Dentistry	177,029
5R01DE05436-05	Meinick, Michael	University of California Berkeley	Engineering or Technical Inst.	0X
5R01DE05440-03	Park, Joseph A	University of Pennsylvania	School of Dentistry	0X
2R01DE05460-04A1	Malamed, Daniel F	University of California Riverside	School of Arts and Sciences	0X
5R01DE05462-03	Luben, Richard A	University of California San Diego	School of Arts and Sciences	0X
5R01DE05466-03	Goodman, Murray	Case Western Reserve University	School of Dentistry	68,857
5R01DE05476-04	Klein, Leroy	National Jewish Hosp & Res Ctr-Hat'el Ast	Hospital (Non-University)	0X
5R01DE05487-03	Pabst, Michael J	University of Connecticut Health Center	School of Dentistry	0X
5R01DE05494-05	Raisner, Susan T	University of Minnesota of Mpls-St Paul	School of Dentistry	77,911
5R23DE05497-03	Herzberg, Mark C	Children's Hospital	University Hospital	0X
5R23DE05501-03	Park, Evgun H	Harvard University	School of Dentistry	0X
5R01DE05505-05	Moore, Paul A	Eastman Dental Center	Advanced Education Institution	0X
5R23DE05507-03	Curzon, Martin E	Temple University	School of Dentistry	65,822
5R01DE05510-03	Baran, George R			
5R01DE05519-05				

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-xxPrior Year Award Obligations.

TABLE 64.-- LIST OF RESEARCH GRANTS, BY GRANT NUMBER, FY 1984

Type of Application and Grant Number	Principal Investigator	Institution	Division	Amount Awarded
0002				
5R01DE05550-03	Heber, Dennis F	University of Illinois at Chicago	School of Dentistry	0K
2R01DE05550-04	Greene, Robert M	Thomas Jefferson University	School of Medicine	103,392
5R01DE05555-03	Materman, Robert E	University of New Mexico Albuquerque	School of Medicine	0K
2R01DE05558-04	Miller, Arthur J	University of California San Francisco	School of Dentistry	188,462
5R01DE05560-03	Sutter, Vera L	University of California Los Angeles	School of Medicine	0K
3R01DE05563-0451	Schnitzman, Paul A	Harvard University	School of Dentistry	25,227K
3R01DE05563-0452	Schnitzman, Paul A	Harvard University	School of Dentistry	90,556K
2R01DE05574-04	Alley, Keith E	Case Western Reserve University	School of Medicine	100,635
5R01DE05582-03	Leonard, Myer S	University of Minnesota of Mpls-St Paul	School of Dentistry	0K
2R01DE05586-04	Garant, Philip R	State University New York Stony Brook	School of Dentistry	72,311
5R01DE05596-03	Rauls, Henry R	Louisiana State Univ Med Ctr New Orleans	School of Dentistry	0K
5R01DE05597-03	Reusch, Victor M, Jr	University of Denver	School of Arts and Sciences	64,791
5R23DE05599-03	Kornman, Kenneth S	University of Connecticut Health Center	School of Dentistry	142,925
2R01DE05603-04	Kim, Syngduk	Columbia University	School of Medicine	99,921
2R01DE05606-04A1	Fives-Taylor, Paula M	University of Texas Austin	School of Arts and Sciences	121,697
5R01DE05616-06	Meier, Stephen P	Yeshiva University	School of Medicine	264,679
2R01DE05622-03A1	Sadowsky, Donald	State University of New York at Buffalo	School of Dentistry	135,164
5R01DE05623-03	Hausmann, Ernest	Virginia Commonwealth University	School of Dentistry	59,640
2R01DE05626-04	Schenkeln, Harvey A	Case Western Reserve University	School of Arts and Sciences	30,118
5R23DE05627-03	Cederquist, K Robert	Oregon State University	School of Dentistry	87,869
5R01DE05628-05	Cerklewski, Florian L	University of California Davis	School of Arts and Sciences	123,839
5R01DE05630-04	Erickson, Carol A	University of Connecticut Health Center	School of Dentistry	0K
2R01DE05632-04A1	Cutler, Leslie S	Georgetown University	School of Dentistry	0K
5R01DE05638-03	Hawley, Robert J	University of Michigan at Ann Arbor	School of Dentistry	0K
5R01DE05636-03	Avery, James K	Medical University of South Carolina	School of Dentistry	0K
5R01DE05637-03	Draughn, Robert A	University of Pennsylvania	School of Dentistry	0K
2R01DE05640-04	Gammond, Benjamin F	University of Minnesota	School of Dentistry	0K
5R01DE05652-03	Herman, Greg R	University of Minnesota of Mpls-St Paul	School of Dentistry	0K
5R01DE05659-03	Delfino, John J	Washington University	School of Medicine	159,329
2R01DE05666-04	Sloniansky, Bronislaw L	New York Medical College	School of Dentistry	52,461
5R01DE05669-04	Potter, Rosario H	Indiana Univ-Purdue Univ at Indianapolis	School of Dentistry	135,927
5R01DE05672-02	Oppenheim, Frank G	Boston University	Advanced Education Institution	0K
5R01DE05678-03	Siegel, Ivens A	University of Illinois Urbana-Champaign	School of Medicine	0K
5R01DE05679-02	Laskin, Daniel M	University of Illinois at Chicago	School of Dentistry	0K
5R01DE05684-03	Bixler, David	Indiana Univ-Purdue Univ at Indianapolis	School of Dentistry	0K
5R01DE05690-03	Leblond, Charles P	Mc Gill University	School of Medicine	0K
5R01DE05695-03	Falkner, William A Jr	University of Maryland at Baltimore	School of Dentistry	94,962
2R01DE05696-04A1	Stinson, Murray M	State University of New York at Buffalo	School of Medicine	164,073
5R01DE05698-03	Phillips, Calil L	University of North Carolina Chapel Hill	School of Dentistry	0K
5R01DE05706-03	Korman, Kenneth S	University of Connecticut Health Center	School of Dentistry	0K
1R01DE05717-01A1	Curzon, Martin E	Eastern Dental Center	Advanced Education Institution	0K
5R01DE05728-03	Lopatin, Dennis E	University of Michigan at Ann Arbor	School of Dentistry	0K
5R01DE05729-03	Bradley, Robert M	University of Pittsburgh	School of Dentistry	0K
5R01DE05732-03	Baker, John J	University of Mississippi	School of Dentistry	0K
5R23DE05735-03	Read, Michael J	University of the Pacific	School of Dentistry	0K
	Burt, Dorothy T			

*Active Without FY84 Funds.
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TABLE 64.-- LIST OF RESEARCH GRANTS, BY GRANT NUMBER, FY 1984

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Type of Application and Grant Number	Principal Investigator	Institution	Division	Amount Awarded
2R01DE05738-04	Crompton, Alfred M	Harvard University	School of Arts and Sciences	90,631
5R01DE05739-03	Clarkson, Brian H	University of Iowa	School of Dentistry	99,897
5R01DE05744-04	Kiyak, H Asuman	University of Washington	School of Dentistry	72,602
5R01DE05747-03	Stashenko, Philip	Forssyth Dental Center	Advanced Education Institution	0x
5R23DE05749-03	Cutler, Leslie S	University of Connecticut Health Center	School of Dentistry	0x
5R01DE05758-03	Bixler, David	Indiana Univ-Purdue Univ at Indianapolis	School of Dentistry	141,508
5R01DE05758-03	Stanford, John M	American Dental Assn Health Fdn	Dental and Related Organization	123,102
5R01DE05761-05	Putney, James W, Jr	Virginia Commonwealth University	School of Dentistry	100,852
5R01DE05764-03	Aleo, Joseph J	Temple University	School of Dentistry	0x
5R01DE05766-03	Reith, Edward J	Indiana Univ-Purdue Univ at Indianapolis	School of Dentistry	0x
5R01DE05769-06	Potter, Rosario H	University of Tenn Center Health Sci	School of Dentistry	0x
5R01DE05771-03	Simpson, Waits A	Columbia University	School of Dentistry	0x
5R01DE05771-03	Stuchell, Robert N	Hebrew University of Jerusalem	School of Dentistry	50,457
5R23DE05777-03	Deutch, Dan	Case Western Reserve University	School of Dentistry	49,231
5R01DE05780-03	Goldstine, Steven N	Northwestern University	School of Dentistry	0x
5R23DE05789-03	Heisath, Donald L, Jr	West Virginia University	School of Dentistry	0x
5R23DE05793-03	Ingersoll, Barbara D	University of Minnesota	Advanced Education Institution	180,931
5R23DE05799-02	Devore, Dale P	Eastman Dental Center	School of Dentistry	69,572
5R01DE05800-03	Eisenberg, Arthur D	University of Alabama in Birmingham	School of Dentistry	0x
2R01DE05817-04	Birkedal-Hansen, Henning	Harvard University	School of Dentistry	702,047
5R23DE05822-03	Waylor, Alan H	Medical University of South Carolina	School of Dentistry	248,948
5R01DE05832-03	Dom, Richard M	University of Iowa	School of Dentistry	77,007
5R01DE05837-04	Morris, Hughie L	Tufts University	School of Dentistry	41,749
5R01DE05838-03	Toole, Bryan P	Indiana Univ-Purdue Univ at Indianapolis	Engineering or Technical Inst.	0x
5R01DE05839-02	Phillips, Ralph M	Vanderbilt University	School of Dentistry	0x
5R01DE05843-03	Gibbs, S Julian	University of Tennessee Knoxville	Advanced Education Institution	63,233
5R01DE05844-03	Pujol, Alfonso, Jr	University of New Mexico Albuquerque	School of Dentistry	0x
5R23DE05858-03	Fleisch, Robert J	University of California Los Angeles	School of Dentistry	0x
5R01DE05861-03	Krogman, Milton M	University of Mississippi Medical Center	School of Dentistry	0x
5R23DE05883-03	Waterman, Robert E	Columbia University	School of Dentistry	91,177
5R23DE05886-03	Turley, Patrick K	University of California San Francisco	School of Dentistry	27,001
5R23DE05887-03	Bayne, Stephen C	State University of New York at Buffalo	School of Dentistry	118,230
5R01DE05890-03	Kamen, Paul R	University of California San Francisco	School of Dentistry	0x
5R23DE05893-03	Lozada, Francisca	Oregon Health Sciences University	Dental and Related Organization	59,659
5R01DE05895-03	Tbak, Lawrence A	American Dental Association	School of Dentistry	0x
1R13DE05900-01A1	Brown, Arthur C	University of Illinois at Chicago	School of Dentistry	103,845
5R01DE05905-03	Schrotenboer, Gordon H	University of North Carolina Chapel Hill	School of Dentistry	64,220
5R23DE05906-02	Herring, Susan M	University of Washington	School of Dentistry	0x
5R01DE05913-03	Sulik, Kathleen K	University of Michigan at Ann Arbor	School of Dentistry	55,137
5R01DE05916-03	Heinstein, Philip	Northwestern University	School of Dentistry	0x
5R01DE05923-02	Clemell, Don B	Virginia Commonwealth University	School of Dentistry	101,484
5R23DE05929-03	Moser, John B	University of Texas Health Sci Ctr San Ant	School of Dentistry	103,941
5R01DE05930-02	Burns, James C	University of Texas Health Sci Ctr San Ant	School of Dentistry	0x
5R01DE05933-04	Mercuri, Louis G	University of Texas Health Sci Ctr San Ant	School of Dentistry	0x
5R01DE05935-04	Boyan-Salyers, Barbara D	University of Texas Health Sci Ctr San Ant	School of Dentistry	0x
5R01DE05937-04	Boyan-Salyers, Barbara D	University of Texas Health Sci Ctr San Ant	School of Dentistry	0x

*Active Without FY84 Funds.
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TABLE 64.-- LIST OF RESEARCH GRANTS, BY GRANT NUMBER, FY 1984

Grant Number	Principal Investigator	Institution	Division	Amount Awarded
5R01DE05940-03	German, Randall M	Rensselaer Polytechnic Institute	Engineering or Technical Inst.	51,013
5R01DE05942-03	Long, Ross E, Jr	H. K. Cooper Clinic	Advanced Education Institution	0X
5R01DE05945-03	Stupp, Samuel I	University of Illinois Urbana-Champaign	Engineering or Technical Inst.	44,302
5R01DE05952-03	Eick, J David	Oral Roberts University	School of Dentistry	63,800
5R23DE05953-03	Lamster, Ira B	Fairleigh Dickinson University Teaneck	School of Dentistry	56,038
2R01DE05956-06	Waite, John H	University of Connecticut Health Center	School of Medicine	73,144
5R01DE05966-03	Jacobson, Gary R	Boston University	School of Arts and Sciences	71,950
5R01DE05967-03	Offenbacher, Steven	Emory University	School of Dentistry	0X
5R23DE05969-03	Crall, James J	University of Iowa	School of Dentistry	49,056
5R01DE05975-02	Alam, Syed Q	Louisiana State Univ Med Ctr New Orleans	School of Dentistry	52,027
5R23DE05978-02	Craig, Robert G	University of Michigan at Ann Arbor	School of Dentistry	85,797
5R23DE05980-01A1	Watson, Ann Y	Harvard University	School of Medicine	0X
5R23DE05985-03	Dohrenwend, Bruce P	Columbia University	School of Public Health	99,111X
3R01DE05989-02S1	Dohrenwend, Bruce P	Columbia University	School of Public Health	163,304
5R01DE05989-03	Bridges, Raymond B	University of Kentucky	School of Dentistry	157,231
1R01DE05990-01A1	Birdsell, Dale C	University of Washington	School of Dentistry	96,816
5R01DE05991-04	Marks, Sandy C, Jr	University of Massachusetts Medical Sch	Dental Research Institute	0X
5R01DE05996-03	Alvaros, Olav F	University of Texas Hlth Sci Ctr San Ant	School of Dentistry	0X
5R01DE05999-02	Johnson, Dortha A	University of Texas Hlth Sci Ctr San Ant	School of Dentistry	74,129
5R01DE06000-04	Miller, Scott C	University of Utah	School of Medicine	63,860
5R01DE06007-02	Hurley, Thomas H	University of Missouri Columbia	School of Medicine	47,448
5R01DE06008-03	Shenker, Bruce J	University of Pennsylvania	School of Medicine	57,618
5R23DE06014-03	Mangan, Dennis F	University of Michigan at Ann Arbor	School of Dentistry	38,776
5R23DE06023-02	Capra, Norman F	University of Mississippi Medical Center	School of Dentistry	130,736
5R23DE06027-03	Birkedal-Hansen, J	University of Alabama in Birmingham	School of Dentistry	215,390
1R01DE06030-01A1	Loesche, Walter	University of Michigan at Ann Arbor	School of Dentistry	113,388
5R01DE06031-02	Salander, Robert K	University of Connecticut Health Center	Advanced Education Institution	0X
1R01DE06032-01	Kegles, S Stephen	University of Washington	School of Dentistry	47,346
5R23DE06033-03	Erlich, Patricia J	University of Washington	School of Dentistry	143,242
5R01DE06039-02	Mandella, Rosemary D	Fairleigh Dickinson University Teaneck	School of Dentistry	59,500
5R23DE06040-03	Levin, Leslie S	Johns Hopkins University	School of Dentistry	130,920
5R01DE06043-03	Burton, James A	Massachusetts General Hospital	University Hospital	0X
5R01DE06048-02	Bleiweis, Arnold S	Loyola University Medical Center	School of Agriculture	83,215
5R01DE06055-03	Cox, Donald S	State University of New York Stony Brook	School of Medicine	68,456
5R23DE06066-02	Brown, Thomas A	University of Alabama in Birmingham	School of Dentistry	49,947
5R23DE06068-03	Chung, Chin S	University of Hawaii at Manoa	School of Dentistry	52,513
5R01DE06069-02	Walker, Clay B	University of Maryland at Baltimore	School of Public Health	88,401
5R01DE06070-03	Rosen, Barry P	Temple University	School of Dentistry	0X
1R01DE06071-01A1	Parks, Lawrence C	Northwestern University	School of Medicine	72,736
5R23DE06072-03	Chen, Sow-Yeh	University of Pennsylvania	School of Medicine	40,935
5R01DE06076-02	Perry, Dennis	University of Minnesota	School of Dentistry	75,189
5R01DE06082-02	Listgarten, Max A	University of Minnesota	School of Medicine	99,575
5R01DE06083-02	Felgal, Robert J	Pennsylvania State Univ Hershey Med Ctr	School of Dentistry	145,430
5R23DE06091-02	Marfurt, Carl F	Pennsylvania State Univ Hershey Med Ctr	School of Dentistry	46,903
1R01DE06093-01A1				0X

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TABLE 64.-- LIST OF RESEARCH GRANTS, BY GRANT NUMBER, FY 1984

Grant Number	Principal Investigator	Institution	Division	Amount
1901DE06097-01	Shillito, Edward J	University of California San Francisco	School of Dentistry	122,582
5801DE06103-02	Kaldahl, Wayne B	University of Nebraska Lincoln	School of Medicine	49,617
5801DE06103-02	Katz, Simon	Indiana Univ-Purdue Univ at Indianapolis	School of Dentistry	79,921
5801DE06108-03	Erickson, Robert P	University of Michigan at Ann Arbor	School of Dentistry	0x
1R13DE06111-01	Dovlin, Ronald J	University of Louisville	School of Dentistry	90,956
5801DE06112-04	Mertz-Fairhurst, Eva J	Medical College of Georgia	School of Medicine	177,604
2R01DE06113-04	Whitford, Gary M	Medical College of Georgia	School of Medicine	84,865
1R01DE06115-01	Doud, Frank J	Creighton University	School of Dentistry	54,969
5801DE06118-02	Blustein, David I	University of Illinois at Chicago	School of Dentistry	75,463
5801DE06120-03	Mackenzie, Ian C	University of Iowa	Advanced Education Institution	81,204
5801DE06121-02	Marquis, Robert E	University of Rochester	School of Arts and Sciences	27,194
1R01DE06128-01	Pietrzyk, Donald J	University of Iowa	School of Medicine	47,800
5801DE06130-03	Hurley, Thomas M	University of Missouri Columbia	School of Medicine	0x
1R23DE06133-01	Babler, William J	University of Virginia Charlottesville	School of Dentistry	62,078
5801DE06136-02	Gangarosa, Louis P, Sr	Medical College of Georgia	School of Dentistry	106,956
5801DE06137-02	Garnick, Jerry J	Medical College of Georgia	School of Dentistry	115,831
5801DE06138-03	Smith, Daniel J	Forstner Dental Center	School of Dentistry	58,485
5801DE06139-03	Albino, Judith E	State University of New York at Buffalo	School of Medicine	103,663
5801DE06154-02	Aker, Franklin D	Temple University	School of Dentistry	42,153
5801DE06157-02	Schlesinger, David H	New York University	School of Dentistry	103,669
5801DE06159-03	Berkowitz, Robert J	Case Western Reserve University	School of Dentistry	63,466
5801DE06160-02	Choi, Moon I	State University New York Stony Brook	School of Dentistry	48,668
5801DE06165-02	Rawls, Henry R	Louisiana State Univ Med Ctr New Orleans	School of Dentistry	95,146
5801DE06170-02	Anderson, Leigh C	University of Washington	School of Dentistry	52,637
1R23DE06174-01A1	Walker, Clay B	University of Florida	School of Arts and Sciences	86,868
5801DE06175-02	Cabasso, Israel	State University of New York at Albany	School of Medicine	50,113
5801DE06179-02	Schneider, Charlotte A	University of Alabama in Birmingham	School of Dentistry	51,180
1R01DE06185-01A1	Chandler, Scott H	University of California Los Angeles	School of Dentistry	50,922
5801DE06193-02	Reddy, Chada S	Ohio State University	School of Medicine	58,615
1R23DE06196-01A1	Schubert, David B	Case Western Reserve University	School of Dentistry	91,799
5801DE06207-02	Chapko, Michael K	University of Washington	School of Dentistry	98,512
1R23DE06208-01A2	Laughon, Barbara E	Johns Hopkins University	Advanced Education Institution	52,463
5801DE06215-03	Johnston, Malcolm C	University of North Carolina Chapel Hill	School of Dentistry	29,539
5801DE06216-02	Dworkin, Samuel F	University of Rochester	School of Medicine	36,613
5801DE06219-02	Thibodeau, Edward A	University of Connecticut Health Center	School of Dentistry	101,190
5801DE06222-03	Shur, Barry D	Louisiana State Univ Med Ctr New Orleans	School of Dentistry	0x
5801DE06225-02	Caradonna, Salvatore J	University of Florida	School of Dentistry	0x
5801DE06231-02	McArthur, William P	Medical College of Georgia	School of Dentistry	47,716
7R01DE06239-01	Schuster, George S	University of Nebraska Lincoln	School of Dentistry	83,759
5801DE06240-02	Bolton, Ronald W	Creighton University	School of Medicine	0x
5801DE06243-02	Nichols, David H	University of Maryland at Baltimore	School of Medicine	21,300
5801DE06250-02	Bowers, Gerald M	University of Maryland at Baltimore	School of Medicine	21,750
5801DE06250-02	Koski, Carol L	University of Tenn Center Health Scien	School of Arts and Sciences	0x
5801DE06260-02	Tanzer, Francis S	Western Washington University	School of Dentistry	0x
1R03DE06263-01A2	Kleinkecht, Ronald A	Medical College of Georgia	School of Dentistry	0x
1R03DE06264-01A2	Nackart, John R, Jr	Medical College of Georgia	School of Dentistry	0x
1R03DE06266-01				

*Active Without FY84 Funds.
 **Prior Year Award Obligations.

TABLE 64.-- LIST OF RESEARCH GRANTS, BY GRANT NUMBER, FY 1984

D002

Type of Application and Grant Number	Principal Investigator	Institution	Division	Amount Awarded
1R03DE06272-01A2	Paulson, Ruth B	Ohio State University	School of Dentistry	13,630
5R03DE06273-02	Coffey, James C, Jr	University of North Carolina Chapel Hill	School of Dentistry	9,788
5R03DE06279-02	Druzinsky, Robert E	University of Illinois at Chicago	School of Dentistry	0x
5R03DE06292-02	Akhil, Ikramuddin	University of North Carolina Chapel Hill	School of Dentistry	0x
5R03DE06294-03	Hirschman, Richard	Kent State University at Kent	School of Arts and Sciences	42,233
1R03DE06295-01	Thompson, Martha E	Oregon Health Sciences University	School of Dentistry	0x
1R03DE06298-02	Kollar, Edward J	University of Connecticut Health Center	School of Dentistry	11,509
2R01DE06300-02	Spector, Myron	Emory University	School of Medicine	0x
1R03DE06307-01	Meyer, Julia	University of Illinois at Chicago	School of Dentistry	0x
5R03DE06313-02	Greer, Robert O	University of Colorado	School of Dentistry	0x
5R03DE06323-02	Gossling, Jennifer	Washington University	School of Dentistry	0x
1R03DE06330-01	Greener, Evan H	Northwestern University	School of Dentistry	0x
1R03DE06331-01	Booth, Sheldon J	University of Nebraska Medical Center	School of Medicine Sciences	0x
5R03DE06337-02	Peterson, Cynthia M	University of Connecticut Storrs	School of Dentistry	9,286
5R03DE06339-02	Burke, David H	Marquette University	School of Dentistry	0x
5R03DE06354-02	Clark, William B	State University of New York Stony Brook	School of Agriculture	0x
1R03DE06356-01	Humphreys-Beher, Michael	Purdue University West Lafayette	School of Dentistry	8,977
5R03DE06357-01	Marino, Andrea A	Louisiana State Univ Med Ctr Shreveport	School of Dentistry	100,204
5R03DE06364-02	Gregory, Kenneth T	Marquette University	School of Dentistry	242,081
5R03DE06373-02	Izutsu, Kenneth T	Medical College of Georgia	Advanced Education Institution	126,549
2R01DE06374-03	Fairhurst, Carl H	University of California Los Angeles	School of Dentistry	143,073
1R03DE06376-01	Moreno, Edward C	University of Pennsylvania	School of Medicine	95,849
5R03DE06379-02	Gratt, Barton M	Thomas Jefferson University	School of Dentistry	73,862
5R03DE06395-02	Rosen, Burton	University of Iowa	Private Research Unit	97,119
5R03DE06397-02	Greene, Robert M	Gulf South Research Institute	School of Dentistry	92,291
5R03DE06402-02	Clarkson, Brian H	University of Washington	Advanced Education Institution	113,729
5R03DE06409-02	Gottelman, Lawrence	Eastman Dental Center	School of Medicine	44,837
1R03DE06417-01A1	Weinstein, Philip	Tufts University	School of Dentistry	130,893
5R03DE06418-02	Levestat, Dennis H	University of Southern California	School of Dentistry	109,295
5R03DE06420-02	Hartmann, Ernest C	Medical College of Georgia	School of Medicine	127,763
1R03DE06425-01A2	Slavkin, Harold C	Harvard University	School of Dentistry	77,710
5R03DE06426-02	Van Der Spiegel, Jan	Emory University	School of Dentistry	52,150
5R03DE06427-03	Pashley, David H	University of Pennsylvania	School of Dentistry	80,900
5R03DE06429-03	Whitford, Gary M	Harvard University	School of Dentistry	9,574
7R23DE06435-01	Park, No Ilge	University of Iowa	School of Dentistry	10,538
5R03DE06436-03	Van Dyke, Thomas E	Oregon Health Sciences University	School of Dentistry	23,480
5R03DE06437-02	Beck, Janet B	University of Minnesota	School of Dentistry	9,016
5R03DE06438-02	Gabler, Walter L	University of Texas Health Sci Ctr San Ant	School of Dentistry	10,893
1R03DE06440-01	Miller, Susan C	Massachusetts General Hospital	School of Dentistry	5,536
5R03DE06446-01A1	Renly, Don M	University of Maryland at Baltimore	School of Dentistry	12,227
5R03DE06448-02	Niederman, Richard	State University of New York at Buffalo	School of Dentistry	0x
5R03DE06453-02	Kryolap, George M	University of Michigan at Ann Arbor	School of Dentistry	0x
5R03DE06456-01A1	Garlapo, Davis A	University of Alabama in Birmingham	School of Dentistry	0x
5R03DE06465-02	Ellis, Edward, III			
5R03DE06466-02	Relief, Daniel H			

xActive Without FY84 Funds.
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TABLE 64.-- LIST OF RESEARCH GRANTS, BY GRANT NUMBER, FY 1984

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Type of Application and Grant Number	Principal Investigator	Institution	Division	Amount Awarded
1R03DE06468-01	Gerson, Stanley J	University of Illinois at Chicago	School of Dentistry	0X
1R03DE06472-01	Walsh, Margaret M	University of California San Francisco	School of Dentistry	0X
5R03DE06475-01	Barnett, John M	University of Mississippi Medical Center	School of Dentistry	8,096
1R03DE06476-01	Dessam, Dean A	University of Illinois at Chicago	School of Dentistry	0X
1R03DE06483-02	Stott, George J	Texas Agri and Mech Univ College Station	School of Veterinary Medicine	49,476
5R03DE06486-02	Duke, Pauline G	University of Texas Hlth Sci Ctr Houston	School of Dentistry	10,366
1R03DE06487-01	Izuta, Kenneth T	University of Washington	School of Dentistry	0X
1R03DE06489-01A1	Klein, Robert J	University of Kansas Col Hlth Sci & Hosp	School of Medicine	20,790
1R03DE06491-01A1	Chen, Hsien-Jan J	St. Joseph's Hosp/Med Ctr (Phoenix)	Hospital (Non-University)	0X
5R03DE06500-02	Busch, Kenneth L	Indiana University Bloomington	School of Dentistry	7,150
1R03DE06501-01	Norman, Richard D	Southern Illinois Univ at Edwardsville	School of Dentistry	0X
1R03DE06504-01	Melcher, Anthony H	Gordon Research Conference	Dental and Related Organization	0X
5R03DE06505-02	Buchanan, Judith A	University of Mississippi Medical Center	School of Dentistry	6,270
5R01DE06511-02	Harper, Jeffrey F	University of Texas Hlth Sci Ctr Houston	School of Medicine	91,491
5R01DE06514-03	Genco, Robert J	State University of New York at Buffalo	School of Dentistry	181,815
5R01DE06516-02	Peterson, Douglas E	University of Maryland at Baltimore	School of Dentistry	108,475
1R01DE06521-01	Croog, Sydney H	University of Connecticut Health Center	School of Dentistry	0X
1R01DE06521-01	Boyer, E Marcia	University of Iowa	School of Dentistry	68,016
1R23DE06522-02	Allen, Carl M	Ohio State University	School of Dentistry	54,575
1R13DE06524-01A1	Montgomery, Edward H	American Association for Dental Research	Dental and Related Organization	0X
1R13DE06526-01	Rhoades, Robert M	University of Med & Dent-Rutgers Med Sch	School of Medicine	113,028
5R01DE06528-02	Golub, Ellis E	University of Pennsylvania	School of Dentistry	116,716
5R01DE06533-02	Okabe, Toru	Baylor College of Dentistry	School of Dentistry	0X
5R01DE06539-02	McGuire, James H	Pennsylvania State University Chapel Hill	School of Pharmacy	76,336
5R01DE06541-02	Decherty, John J	University of Mississippi	School of Arts and Sciences	21,750
1R03DE06546-01A1	Moss, Robert A	University of Alabama in Birmingham	Basic Health Sciences	45,114
1R23DE06546-01A1	Cogen, Ronald B	University of Utah	School of Dentistry	182,777
1R01DE06551-01A1	Fox, Jeffrey L	Thomas Jefferson University	School of Medicine	117,514
2R01DE06552-03	Chenik, Kenneth P	Vanderbilt University	School of Medicine	111,560
5R01DE06553-02	Cusack, Catherine G	Northwestern University	Graduate School	55,223
5R23DE06554-02	Di Rienzo, Joseph M	University of Pennsylvania	School of Medicine	89,321
5R01DE06555-02	Telzer, Alvin G	Northwestern University	Advanced Education Institution	97,005
5R01DE06555-02	Featherstone, John D	Eastman Dental Center	School of Arts and Sciences	0X
1R01DE06557-01A1	Klepac, Robert K	Florida State University	School of Dentistry	0X
5R01DE06560-02	Lemons, Jack E	University of Alabama in Birmingham	School of Dentistry	50,932
1R13DE06561-01	Grambowki, David E	University of Washington	School of Dentistry	83,604
1R23DE06562-01A1	Marshall, Grayson M	University of Washington	School of Dentistry	164,344
5R01DE06563-02	Silverstone, Leon M	Northwestern University	School of Dentistry	0X
5R01DE06564-03	Enlow, Donald H	University of Colorado Hlth Sciences Ctr	School of Pharmacy	139,734
1R03DE06565-01A1	Higuchi, William I	Case Western Reserve University	School of Medicine	115,194
5R01DE06569-03	Pertschuk, Michael J	Graduate Hospital	Hospital (Non-University)	21,000
2R01DE06570-03	Nair, Cherukantath M	Medical College of Georgia	School of Medicine	10,357
1R03DE06572-01A1	Gentry, Glenn A	University of Mississippi	School of Medicine	0X
5R03DE06575-02	Whitson, S William	Southern Illinois Univ at Edwardsville	School of Medicine	0X
1R03DE06577-01	Kim, Sun-Kee	University of Michigan at Ann Arbor	School of Medicine	85,604
1R03DE06582-01	Turner, Dennis F	University of Michigan at Ann Arbor	School of Dentistry	0X
2R01DE06585-02				

*Active Without FY84 Funds.

*Prior Year Award Obligations.

TABLE 64.-- LIST OF RESEARCH GRANTS, BY GRANT NUMBER, FY 1984

Type of Application and Grant Number	Principal Investigator	Institution	Division	Amount Awarded
5R03DE06586-02	Cihlar, Ronald L	Georgetown University	School of Dentistry	10,569
1R03DE06589-01	Norman, Richard D	Southern Illinois Univ at Edwardsville	School of Dentistry	24,283
1R03DE06600-01A1	Rao, G Subba	American Dental Association	Dental and Related Organization	10,290
1R03DE06604-01	Lipson, Loren G	University of Florida	School of Dentistry	48,654
5R03DE06605-02	Mc Arthur, William P	University of North Carolina Chapel Hill	Basic Health Sciences	74,617
1R03DE06616-01	Mechanic, Gerald L	University of North Carolina Chapel Hill	School of Dentistry	91,813
1R23DE06618-01A1	Mentebury, John Rush	University of California San Francisco	School of Medicine	71,967
1R03DE06622-01A1	Hussain, M Z	University of Texas With Sci Ctr San Ant	School of Veterinary Medicine	34,046
5R03DE06624-02	Jacobs, John M	Cornell University Ithaca	School of Medicine	119,883
5R03DE06632-02	Noden, Drew M	University of California Irvine	School of Medicine	32,457
1R03DE06634-01A1	Furnas, David M	Howard University	Governmental Organization	51,714
5R03DE06635-02	Ball, William K	U.S. Vets Admin Med Ctr (Sepulveda, Ca)	School of Dentistry	124,669
1R03DE06638-01A1	Kapur, Krishan K	State University of New York at Buffalo	School of Medicine	74,354
5R23DE06640-02	Wilson, Mark E	Dartmouth College	School of Dentistry	76,488
5R03DE06643-02	Fanger, Michael M	University of Minnesota	School of Dentistry	67,296
5R03DE06644-02	Gersaier, Greg R	University of Washington	School of Arts and Sciences	82,289
5R03DE06645-02	Engel, David	North Dakota State University	School of Dentistry	196,941
5R03DE06656-02	Mc Caul, Kevin D	Washington University	School of Arts and Sciences	123,336
5R03DE06658-02	Clark, Glenn T	University of Maryland at Baltimore	School of Dentistry	153,658
5R03DE06659-02	Curtiss, Roy, III	University of Florida	Graduate School	11,094
5R03DE06671-02	Nassall, Thomas M	Washington University	School of Dentistry	23,235
5R03DE06672-02	Curtiss, Roy, III	Medical University of South Carolina	School of Pharmacy	19,598
5R03DE06675-01A1	Keller, John C	University of North Carolina Chapel Hill	School of Dentistry	6,426
1R03DE06677-01	Leeb, Irwin J	University of California San Francisco	School of Veterinary Medicine	51,889
1R03DE06678-01A1	Pazzuto, John M	University of Minnesota	Advanced Education Institution	20,408
5R03DE06680-01A1	Green, Mark I	Forsyth Dental Center	School of Medicine	5,008
5R03DE06681-02	Beitz, Alvin J	University of Utah	Governmental Organization	19,725
5R03DE06682-02	Freeman, Donna J	U.S. Uniformed Services Univ of Hlth Sci	School of Dentistry	52,788
5R23DE06683-03	Endicott, James N	University of Illinois at Chicago	Dental and Related Organization	10,954
1R03DE06689-01	Mueller, Gregory P	American Association for Dental Research	School of Dentistry	159,984
5R03DE06692-02	Mayer, Julia	University of Illinois at Chicago	School of Dentistry	76,211
5R03DE06701-01	Holinsky, Lawrence E	University of Alabama in Birmingham	School of Dentistry	70,521
5R03DE06706-02	Cox, Charles F	University of Michigan at Ann Arbor	Basic Health Sciences	54,242
1R03DE06711-01	Meber, Dennis F	Michigan State University	Advanced Education Institution	50,116
1R03DE06714-01A1	Blake, Daniel J	University of British Columbia	School of Medicine	70,812
1R03DE06715-01	Lang, Brian R	Eastman Dental Center	School of Dentistry	71,314
1R03DE06720-01	Falls, William M	University of Alabama in Birmingham	School of Dentistry	
1R03DE06725-01	Brunette, Donald M	University of Oklahoma Hlth Sciences Ctr	School of Dentistry	
1R03DE06730-01	Featherstone, John D	Georgetown University	School of Dentistry	
1R03DE06738-01	Prince, Charles M	University of Alabama in Birmingham	School of Dentistry	
1R23DE06739-01	Levine, Martin	University of Alabama in Birmingham	School of Dentistry	
1R03DE06740-01A1	Gabriel, Othmar	University of Alabama in Birmingham	School of Dentistry	
1R03DE06744-01	Russell, Michael M	University of Alabama in Birmingham	School of Dentistry	
1R03DE06746-01				

Active Without FY86 Funds.
 xPrior Year Award Obligations.

TABLE 64.-- LIST OF RESEARCH GRANTS, BY GRANT NUMBER, FY 1984

D082

Type of Application and Grant Number	Principal Investigator	Institution	Division	Amount Awarded
1R01DE06743-01	Chiu, Teh-Hsing	University of Pittsburgh	School of Dentistry	92,583
1R23DE06757-01	Miyasaki, Kenneth T	State University of New York at Buffalo	School of Dentistry	51,937
1R01DE06761-01	Feagin, Frederick F	University of Alabama in Birmingham	School of Dentistry	94,609
1R01DE06762-01	Douglas, William H	University of Minnesota of Mpls-St Paul	School of Dentistry	175,712
1R23DE06763-01	Anderson, Richard E	University of Utah	School of Medicine	53,825
1R01DE06765-01	Dawson, James M	University of North Carolina Chapel Hill	School of Dentistry	99,853
1R23DE06766-01	Aukhil, Jamsuddin	University of North Carolina Chapel Hill	School of Dentistry	49,964
1R43DE06769-01	Silverstein, Calvin C	CCS Associates	Private Research Unit	247,553
2R64DE06779-02	Captain, Guy F	Fedpacific Corporation	Private Research Unit	50,000
1R43DE06788-01A1	Bogor, Guy F	University of Florida	School of Dentistry	22,313
1R03DE06793-01	Mackenzie, Richard S	New York University	School of Dentistry	23,835
1R03DE06799-01	Klein, Richard J	University of California Davis	School of Medicine	11,628
1R03DE06799-01	Leonard, Rebecca J	University of Pennsylvania	School of Dentistry	34,458
1R13DE06800-01	Rosan, Burton	Washington University	School of Dentistry	202,982
5R01DE06801-02	Curtiss, Roy, III	University of Colorado Mth Sciences Ctr	School of Dentistry	11,295
1R03DE06803-01	Gantt, David G	Tel Aviv University	School of Dentistry	15,000
1R03DE06806-01	Pitaru, Sandy	University of Texas Hlth Sci Ctr San Ant	School of Dentistry	19,658
1R03DE06807-01A1	Rankine, Christopher A	University of Michigan at Ann Arbor	School of Dentistry	20,994
1R03DE06813-01	Nigdale, Sven-Erik	University of Michigan at Ann Arbor	School of Dentistry	11,800
1R03DE06815-01	Gauron-Burke, Mary C	University of Michigan at Ann Arbor	School of Dentistry	17,973
1R03DE06815-01	Heys, Donald R	St. Louis University	Graduate School	7,831
1R03DE06816-01	Nikolai, Robert J	University of Connecticut Health Center	School of Dentistry	10,562
1R03DE06817-01A1	Burstone, Charles J	University of Massachusetts Amherst	School of Dentistry	21,049
1R03DE06818-01	Zapka, Jane M	University of Illinois at Chicago	School of Dentistry	15,600
1R03DE06819-01	Sadowsky, Cyril	University of Illinois at Chicago	School of Dentistry	7,976
1R03DE06821-01A1	Talley, Deanna J	Marquette University	Dental and Related Organization	24,315
1R03DE06823-01	Siew, Chakwan	American Dental Association	School of Dentistry	11,808
1R03DE06825-01	Bradley, Robert M	University of Michigan at Ann Arbor	School of Dentistry	45,045
5R23DE06829-02	Hicks, M John	University of Colorado Mth Sciences Ctr	School of Dentistry	55,757
1R23DE06832-01	Kiel, Robert A	University of Connecticut Health Center	School of Dentistry	84,123
7R23DE06839-01	Stedman, Hazel M	University of Denver	School of Dentistry	47,669
1R01DE06848-01	Coffey, James C, Jr	Massachusetts General Hospital	School of Dentistry	175,558
1R01DE06849-02	Bertolami, Charles N	University of Southern California	School of Dentistry	31,740
5R23DE06852-01	Zeichner-David, Margaret	University of North Carolina Chapel Hill	School of Dentistry	99,816
1R01DE06854-01	Stump, Walter E	University of Connecticut Health Center	School of Dentistry	138,168
1R01DE06856-01	Gay, Thomas J	University of Connecticut Health Center	School of Dentistry	146,422
1R01DE06860-01	Rutherford, R Bruce	Tufts University	School of Dentistry	54,029
1R01DE06864-01	Haber, Jerome	University of Connecticut Health Center	School of Dentistry	89,896
1R23DE06865-01	Cipes, Monica H	Ohio State University	School of Dentistry	108,895
1R01DE06866-01	Williams, Marshall V	Emory University	School of Dentistry	12,000
2R01DE06869-02	Arnold, Roland R	Rose-Hulman Institute of Technology	Engineering or Technical Inst.	55,792
1R13DE06873-01	Hulbert, Samuel F	University of Michigan at Ann Arbor	School of Dentistry	106,830
1R23DE06874-01	Ellis, Edward, III	State University of New York at Buffalo	School of Dentistry	100,330
1R01DE06880-01	Chen, Priscilla B	University of Michigan at Ann Arbor	School of Dentistry	100,330
5R01DE06881-02	Vig, Peter S	University of Michigan at Ann Arbor	School of Dentistry	120,604
1R01DE06886-01	Syftestad, Glenn T	Case Western Reserve University	School of Arts and Sciences	120,604

*Active Without FY84 Funds.

**Prior Year Award Obligations.

TABLE 64.-- LIST OF RESEARCH GRANTS, BY GRANT NUMBER, FY 1984

D002

Type of Application and Grant Number	Principal Investigator	Institution	Division	Amount Awarded
1R01DE06892-01	Denny, Paul C	University of Southern California	School of Dentistry	91,181
1R01DE06893-01	Alan, Syed Q	Louisiana State Univ Med Ctr New Orleans	School of Dentistry	78,993
1R01DE06895-01	Schlaier, Mary A	Westat, Inc. f California San Diego	Graduate School	194,503
1R23DE06896-01	Masters, Patricia M	Children's Hospital (Boston)	Private Research Unit	48,261
7R01DE06898-01	Landis, William J	Neusoul Mariculture, Inc.	School of Medicine	0M
1R43DE06899-01	Levits, Raymond J	University of Texas Mth Sci Ctr Houston	School of Dentistry	20,922
1R03DE06901-01	Gatchel, Robert J	University of Medicine & Dentistry of NJ	School of Dentistry	25,500
1R03DE06902-01	Heiner, Saul	University of Louisville	School of Medicine	23,205
1R03DE06903-01	Moore, Condit	University of Texas San Antonio	Basic Health Sciences	0M
7R01DE06904-01	Sensaman, David M	Louisiana State Univ Med Ctr New Orleans	School of Dentistry	16,238
1R03DE06907-01	Block, Michael S	Baylor College of Dentistry	School of Dentistry	44,774
5R23DE06909-02	Babler, William J	Georgetown University	School of Dentistry	48,108
1R01DE06913-02	Yu, Jia-Huey	University of Connecticut Health Center	School of Dentistry	19,030
1R23DE06915-01	Lantz, Marilyn S	Ohio State University	School of Dentistry	153,072
7R01DE06923-01	Davidoitch, Zeev	Howard University	School of Medicine	28,500
1R03DE06925-01A1	Dunston, Georgia M	University of Detroit	School of Dentistry	20,989
1R03DE06927-01	Riolo, Michael L	Applied Biomedical Corporation	Private Research Unit	49,982
1R43DE06932-01	Kung, Robert I	University of Utah	School of Pharmacy	20,735
1R03DE06933-01	Nichols, William K	University of Pennsylvania	School of Dentistry	5,828
1R03DE06937-01	Myers, Howard M	University of Iowa	School of Arts and Sciences	54,424
1R01DE06943-01	Luschnel, Erich S	University of California San Francisco	School of Dentistry	44,695
5R23DE06945-02	Murray, Patricia A	Virginia Commonwealth University	School of Dentistry	178,319
1R01DE06951-01	Feagin, Daniel M	University of Alabama in Birmingham	Basic Health Sciences	85,657
1R01DE06952-01	Crenshaw, Miles A	University of North Carolina Chapel Hill	School of Dentistry	72,825
1R01DE06953-01	Svanberg, Gunnar K	University of Michigan at Ann Arbor	School of Dentistry	161,371
1R01DE06955-01	Murphy, Richard A	Harvard University	School of Medicine	107,674
1R01DE06957-01	Warren, Donald W	University of North Carolina Chapel Hill	School of Dentistry	95,014
1R01DE06962-01	Dao, My Lien	University of Oklahoma Hlth Sciences Ctr	School of Medicine	104,165
1R03DE06968-01	Williams, William N	University of Florida	School of Dentistry	21,238
1R03DE06969-01	Kuriyama, Masao	U.S. National Bureau of Standards	School of Dentistry	15,000
1R01DE06970-01	Tabak, Lawrence A	State University of New York at Buffalo	School of Dentistry	132,822
5R23DE06976-02	Mangan, Dennis F	University of Rochester	Advanced Education Institution	25,535
1R01DE06977-01	Lillie, John H	University of Michigan at Ann Arbor	School of Medicine	199,484
1R23DE06982-01	Hinton, Robert J	Baylor College of Dentistry	School of Dentistry	42,813
1R01DE06991-01	Dowd, Frank J	Craigton University	School of Medicine	73,978
1R01DE06994-01	Greener, Evan H	Northwestern University	School of Dentistry	115,919
1R3DE06995-01	Vels, Arthur	Gordon Research Conferences	Dental and Related Organization	7,500
1P50DE07003-01	Bowen, William H	University of Rochester	Dental Research Institute	483,572
1R03DE07005-01	Mirtz, George H	West Virginia University	School of Medicine	21,300
1R01DE07007-01	Shillito, Edward J	University of Texas Mth Sci Ctr Houston	School of Dentistry	56,828
1R31DE07008-02	Shillito, Edward J	University of Texas Mth Sci Ctr Houston	School of Dentistry	415,306
1P50DE07009-01	De Paola, Paul F	Forsyth Dental Center	Dental Research Institute	392,789
1P50DE07010-01	Clarkson, Brian H	Forsyth Dental Center	Dental Research Institute	107,458
1R01DE07011-01	Moore, Paul A	Forsyth Dental Center	Advanced Education Institution	10,044
1R03DE07012-01	Moore, Paul A	Forsyth Dental Center	Advanced Education Institution	10,044

Active Without FY84 Funds.
 xPrior Year Award Obligations.

TABLE 64.-- LIST OF RESEARCH GRANTS, BY GRANT NUMBER, FY 1984

D002

Type of Application and Grant Number	Principal Investigator	Institution	Division	Amount Awarded
1R03DE07013-01	Myers, David R	Medical College of Georgia	School of Dentistry	18,760
1R03DE07015-01	Linke, Harold A	New York University	School of Dentistry	22,655
1R03DE07019-01	Hamlet, Sandra L	University of Maryland College Pk Campus	Basic Health Sciences	11,377
1R43DE07022-01	Baker, Richard M	Membrane Technology and Research, Inc	Private Research Unit	43,761
1R03DE07024-01	Mallik, Henry M	Georgetown University	School of Dentistry	12,288
1R03DE07042-01	Mc Callum, Debra M	University of Alabama in Birmingham	Basic Health Sciences	13,123
1R03DE07045-01	Morona, Robert	Medical College of Georgia	School of Dentistry	20,037
1R03DE07046-01	Aukhil, Ikramuddin	University of North Carolina Chapel Hill	School of Dentistry	21,240
1R43DE07050-01	Gumby, Ronald M	Gumbs Associates	Private Research Unit	41,520
7R23DE07107-01	Reddy, Chada S	University of Missouri Columbia	School of Veterinary Medicine	46,545
1R23DE07113-01	Baker, Richard L	Emory University	School of Dentistry	54,616
7R01DE07120-01	Shur, Barry D	University of Texas System Cancer Center	University Hospital	33,840
1R01DE07126-01	Coykendall, Alan L	University of Connecticut Health Center	School of Dentistry	89,893
1R01DE07128-01	Kornman, Kenneth S	University of Texas Hlth Sci Ctr San Ant	School of Dentistry	155,535
7R01DE07133-01	Wurf, Carl F	Indiana Univ-Purdue Univ at Indianapolis	School of Dentistry	86,235
1R01DE07168-01	Chlar, Ronald L	Georgetown University	School of Dentistry	90,590
7R23DE07256-01	Lantz, Marilyn S	University of Alabama in Birmingham	School of Dentistry	32,015
7R01DE07257-01	Burton, James A	University Hospital (Boston)	University Hospital	165,267
7R01DE07267-01	Molt, Stanley C	University of Texas Hlth Sci Ctr San Ant	School of Dentistry	66,048
7R23DE07268-01	Niedermaier, Richard	Forsyth Dental Center	Advanced Education Institution	25,093
1R13DE31711-01	Smith, L Shelbert	Central State Univ (Milberforce, Oh)	Dental and Related Organization	5,000
1R13DE32545-01A1	Butler, William I	University of Alabama in Birmingham	School of Dentistry	5,000
1R13DE33432-01	Kuettner, Klaus E	University of Rhode Island	School of Medicine	3,000
1R13DE38442-01	Fields, Howard L	International Assoc/Machinists/Aerospace	Dental and Related Organization	75,000
5R09R000016-02	Taber, Harry M	U.S. PHS Public Advisory Groups	Scientific Evaluation	50,000
5R09R006854-1151	Hogan, Edward L	U.S. PHS Public Advisory Groups	Scientific Evaluation	50,000
			Total for FY84	\$55,160,892
			Active Grants	662

*Active Without FY84 Funds.
*Prior Year Award Obligations.

TABLE 65.-- LIST OF PRINCIPAL INVESTIGATORS FOR ALL ACTIVE RESEARCH GRANTS, BY NAME, FY 1984

D003

Principal Investigator	Grant Number	Institution	Amount Awarded
Adams, Howard	5P01DE02872-15	University of Illinois at Chicago	284,118
Aker, Franklin D	5R23DE06157-02	Temple University	58,485
Alam, Syed Q	1R01DE06893-01	Louisiana State Univ Med Ctr New Orleans	78,993
Alam, Syed Q	5R01DE05978-02	Louisiana State Univ Med Ctr New Orleans	52,927
Albino, Judith E	5R01DE06154-02	State University of New York at Buffalo	115,831
Alleo, Joseph J	5R01DE05766-03	Temple University	103,393
Allen, Carl M	1R23DE0524-01A1	Ohio State University	54,375
Allemann, David M	2R01DE05374-04	Case Western Reserve University	100,635
Alvarez, Olaf F	5R01DE04587-08	Indiana Univ-Purdue Univ at Indianapolis	115,394
Anderson, Harrison	5R01DE05999-02	University of Texas Hlth Sci Ctr San Ant	128,366
Anderson, Leigh C	5R01DE03606-15	University of Minnesota of Mpls-St Paul	79,875
Anderson, Richard E	5R01DE05262-05	University of Kansas Col Hlth Sci & Hosp	48,668
Apostolopoulos, A X	1R23DE06174-01A1	University of Washington	53,825
Arnold, Roland R	5R01DE06672-02	University of Utah	79,345
Aspar, Kamal	5R01DE03224-02	University of Colorado Hlth Sciences Ctr	108,895
Aukhil, Ikramuddin	2R01DE06869-02	Emory University	140,323
Aukhil, Ikramuddin	5R01DE04883-07	University of Michigan at Ann Arbor	21,240
Aukhil, Ikramuddin	1R23DE07046-01	University of North Carolina Chapel Hill	49,964
Avery, James K	5R01DE06292-02	University of North Carolina Chapel Hill	955,228
Avery, James K	2P50DE02731-18	University of Michigan at Ann Arbor	0x
Avery, James K	5R01DE05636-03	University of Michigan at Ann Arbor	462,870x
Azen, Edwin A	3P50DE02731-17S1	University of Wisconsin Madison	106,082
Babler, William J	5R01DE03658-20	University of Virginia Charlottesville	44,774
Babler, William J	1R23DE06133-01	Baylor College of Dentistry	0x
Baker, John J	5R23DE06909-02	University of Pittsburgh	54,616
Baker, Richard M	5R01DE05729-03	Emory University	43,761
Ball, William D	1R23DE07113-01	Membrane Technology and Research, Inc	119,083
Bandt, Carl L	1R43DE07022-01	Howard University	0x
Baran, George R	5R01DE06855-02	University of Minnesota of Mpls-St Paul	65,822
Barnett, John E	5R01DE05104-03	Temple University	8,096
Baron, Roland E	5R01DE05519-05	University of Mississippi Medical Center	149,352
Baumrind, Sheldon	5R03DE06775-02	Yale University	135,607
Baumrind, Sheldon	5R01DE04724-06	University of California San Francisco	143,326
Bawden, James H	5R01DE03703-08	University of North Carolina Chapel Hill	99,653
Bawden, James H	2R01DE03598-09	University of North Carolina Chapel Hill	1,400,000
Bawden, James H	1R01DE06765-01	University of North Carolina Chapel Hill	90,323
Bawden, James H	5P50DE02668-18	University of Mississippi Medical Center	0x
Bawden, James H	5R01DE05289-06	University of Iowa	80,900
Bawden, Stephen C	5R23DE05886-03	University of Minnesota	44,997
Beck, James D	5R01DE06437-02	University of Queensland	0x
Beitz, Alvin J	5R01DE06682-02	University of Texas Hlth Sci Ctr Dallas	0x
Bell, Leonard C	5R01DE05375-02	Case Western Reserve University	42,153
Bell, William H	5R01DE03704-11		
Berkowitz, Robert J	5R01DE0360-02		

xActive without FY84 funds.
 xPrior Year Award Obligations.

TABLE 65.-- LIST OF PRINCIPAL INVESTIGATORS FOR ALL ACTIVE RESEARCH GRANTS, BY NAME, FY 1984

D003

Principal Investigator	Grant Number	Institution	Amount Awarded
Bartolami, Charles N	5R23DE06849-02	Massachusetts General Hospital	47,869
Birdsell, Dale C	5R01DE05991-04	University of Alabama in Birmingham	98,816
Birkedal-Hansen, Henning	1R01DE06028-01A1	University of Alabama in Birmingham	130,736
Birkedal-Hansen, Henning	2R01DE05817-04	Indiana Univ-Purdue Univ at Indianapolis	180,931
Bixler, David	5R01DE05758-03	Indiana Univ-Purdue Univ at Indianapolis	0x
Bixler, David	5R01DE05684-03	Indiana Univ-Purdue Univ at Indianapolis	0x
Blake, Daniel J	1R03DE06715-01	University of Illinois at Chicago	0x
Blake, Daniel J	5R23DE06118-02	University of Illinois at Chicago	0x
Blustein, David I	5R01DE06051-03	Louisiana State Univ Med Ctr New Orleans	54,969
Block, Michael S	1R03DE06901-01	Medpac Corporation	83,215
Block, Michael S	1R01DE05049-03	University of South Carolina	16,238
Boacke, Robert J	1R43DE06788-01A1	University of Nebraska Lincoln	50,000
Bogor, Guy F	5R03DE06240-02	University of Washington	390,241
Bolton, Ronald M	5P01DE05130-05	University of Michigan at Ann Arbor	63,998
Bonica, John J	5R01DE05410-05	University of Nebraska Medical Center	129,558
Bookstein, Fred L	1R03DE06331-01	Hospital for Special Surgery	144,566
Booth, Sheldon J	2R01DE04141-10	American Dental Assn Health Fdn	483,572
Booth, Rafael L	5R01DE05129-07	University of Rochester	83,759
Bowen, William H	1P50DE07003-01	University of Maryland at Baltimore	103,961
Bowers, Gerald M	5R01DE06250-02	University of Texas Hlth Sci Ctr San Ant	101,484
Boyan-Salvers, Barbara D	2R01DE05937-04	University of Iowa	48,016
Boyan-Salvers, Barbara D	5R01DE05932-04	University of Michigan at Ann Arbor	11,808
Boyer, E Marcia	5R23DE05222-02	University of Michigan at Ann Arbor	157,231
Bradley, Robert M	1R03DE06325-01	University of Kentucky	83,768
Bradley, Robert M	5R01DE05728-03	University of Michigan at Ann Arbor	118,230
Bridges, Raymond B	1R01DE05990-01A1	Oregon Health Sciences University	52,513
Brinkley, Linda L	5R01DE02774-16	University of Alabama in Birmingham	196,683
Brown, Thomas A	5R23DE06068-03	Forsyth Dental Center	70,521
Brown, Thomas A	5R01DE05253-05	University of British Columbia	86,297
Brunette, Donald M	1R01DE06730-01	Rensselaer Polytechnic Institute	6,270
Brunette, John B	5R01DE05418-05	University of Mississippi Medical Center	0x
Buchanan, Judith A	5R03DE06505-02	University of the Pacific	0x
Burke, Dorothy T	5R23DE06337-03	Marquette University	55,137
Burke, Dorothy T	5R03DE05929-03	Virginia Commonwealth University Center	197,588
Burns, James C	2R01DE03553-10	University of Connecticut Health Center	10,562
Burstone, Charles J	1R03DE06617-01A1	University of Connecticut Health Center	0x
Burstone, Charles J	5R01DE03545-10	Massachusetts General Hospital	183,267
Burton, James A	5R01DE06048-02	Indiana University Bloomington	7,150
Burton, James A	5R03DE07257-01	University of Alabama in Birmingham	5,000
Burton, Kenneth L	5R03DE06500-02	University of Alabama in Birmingham	205,602
Butler, William T	1R13DE03245-01A1	University of Mississippi Medical Center	64,328
Butler, William T	5R01DE05092-06	University of Washington	81,150
Byers, Benjamin R	5R01DE04903-06		
Byers, Margaret R	5R01DE05159-06		

*Active without FY84 funds.
 **Prior Year Award Obligations.

TABLE 65.-- LIST OF PRINCIPAL INVESTIGATORS FOR ALL ACTIVE RESEARCH GRANTS, BY NAME, FY 1984

Principal Investigator	Grant Number	Institution	Amount Awarded
Cabasso, Israel	5R01DE06179-02	State University of New York at Albany	52,637
Caplan, Arnold I	5R01DE04008-10	Case Western Reserve University	123,692
Caplow, Michael	5R01DE03246-15	University of North Carolina Chapel Hill	109,567
Capra, Norman F	5R23DE06027-03	University of Mississippi Medical Center	38,776
Captain, Knushroo	2R44DE06779-02	Foster-Miller, Inc	247,523
Caradonna, Salvatore J	5R23DE06230-02	Louisiana State Univ Med Ctr New Orleans	36,613
Carlson, David S	5R01DE05232-06	University of Michigan at Ann Arbor	87,966
Cederquist, K Robert	5R23DE05627-03	Case Western Reserve University	0*
Carklewski, Florian L	5R01DE05628-05	Oregon State University	30,118
Chandler, Scott H	5R01DE06193-02	University of California Los Angeles	50,113
Chapko, Michael K	1R23DE06208-01A2	University of Washington	50,922
Charon, Nyles M	2R01DE06645-07	West Virginia University	46,932
Chen, Mien-Jen J	1R03DE06491-01A1	St. Joseph's Hosp/Med Ctr (Phoenix)	0*
Chen, Priscilla B	1R01DE06880-01	State University of New York at Buffalo	106,930
Chen, Sow-Yeh	5R01DE06076-02	Temple University	75,189
Chenik, Kenneth P	5R01DE06553-02	Thomas Jefferson University	113,105
Chierici, George	5R01DE05397-03	University of California San Francisco	0*
Chiu, Teh-Hsing	1R01DE06748-01	University of Pittsburgh	92,383
Cho, Moon I	5R01DE06165-02	State University of New York Stony Brook	103,069
Chow, Laurence C	5R01DE04385-09	American Dental Assn Health Fdn	93,638
Chow, Laurence C	5R01DE05354-07	American Dental Assn Health Fdn	184,966
Chung, Chin S	5R01DE06069-02	University of Hawaii at Manoa	88,401
Cihlar, Ronald L	1R01DE07168-01	Georgetown University	90,590
Cihlar, Ronald L	5R03DE06586-02	University of Connecticut Health Center	10,560
Cipes, Monica H	1R23DE06865-01	University of California Los Angeles	54,029
Clark, Glenn T	5R01DE06665-02	University of Florida	82,209
Clark, William B	5R03DE06358-02	University of Florida	0*
Clark, William B	1P50DE07010-01	University of Iowa	107,594
Clarkson, Brian H	5R01DE06402-02	University of Iowa	392,789
Clarkson, Brian H	5R01DE06835-05	University of Iowa	75,862
Clarkson, Brian H	5R01DE05735-03	University of Iowa	0*
Clarkson, Brian H	5R01DE05916-03	University of Michigan at Ann Arbor	99,897
Clewell, Don B	5R01DE04744-06	State University of New York at Buffalo	64,220
Coburn, Robert A	5R03DE06273-02	University of North Carolina Chapel Hill	0*
Coffey, James C, Jr	1R01DE06848-01	University of North Carolina Chapel Hill	9,788
Coffey, James C, Jr	1R01DE06551-01A1	University of Alabama in Birmingham	84,123
Cosen, Ronald D	5R01DE05295-03	Tulane University of Louisiana	182,777
Cook, Stephen B	5R01DE04495-07	State University of New York at Buffalo	0*
Cora, Norman L	5R01DE04278-09	University of Miami	93,393
Corman, Richard A	1R13DE06711-01	American Association for Dental Research	74,229
Cox, Charles F	5R03DE06339-02	State University New York Stony Brook	52,786
Cox, Donald S	5R23DE06066-02	State University New York Stony Brook	9,206
Cox, Donald S	1R01DE07126-01	University of Connecticut Health Center	49,947
Coykendall, Alan L	5R01DE04721-06	University of Connecticut Health Center	39,893
Coykendall, Alan L	1R01DE05980-01A1	University of Michigan at Ann Arbor	0*
Craig, Robert G			85,797

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 **Prior Year Award Obligations.

TABLE 65.-- LIST OF PRINCIPAL INVESTIGATORS FOR ALL ACTIVE RESEARCH GRANTS, BY NAME, FY 1984

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Principal Investigator	Grant Number	Institution	Amount Awarded
Crall, James J	5R23DE05969-03	University of Iowa	49,056
Crenshaw, Miles A	1R01DE04952-01	University of North Carolina Chapel Hill	72,825
Crompton, Alfred M	2R01DE05738-04	Harvard University	90,631
Croog, Sydney H	1R01DE06521-01	University of Connecticut Health Center	0M
Curtiss, Roy, III	5R01DE06673-02	Hastington University	153,658
Curtiss, Roy, III	5R01DE06669-02	Hastington University	196,941
Curtiss, Roy, III	5R01DE06801-02	Hastington University	202,982
Curzon, Martin E	5R01DE05510-03	Eastman Dental Center	0M
Curzon, Martin E	1R01DE05717-01A1	Eastman Dental Center	0M
Cusick, Catherine G	5R23DE04554-02	Vanderbilt University	55,223
Cutler, Leslie S	2R01DE03632-04A1	University of Connecticut Health Center	123,839
Cutler, Leslie S	5R23DE05749-03	University of Connecticut Health Center	0M
Dabbous, Mustafa K	5R01DE04125-06	University of Tenn Center Health Scien	0M
Dale, Beverly A	5R01DE04660-09	University of Washington	167,229
Danco-Moore, Lolita	5R01DE05180-06	Temple University	60,415
Dao, My Lien	1R01DE04962-01	University of Oklahoma Hlth Sciences Ctr	104,165
Davidovitch, Zeev	7R01DE04923-01	Ohio State University	153,072
Davidovitch, Zeev	5R01DE03619-10	University of Pennsylvania	415,306
De Paola, Paul F	1P50DE07009-01	Forsyth Dental Center	0M
De Rijk, Waldemar G	5R01DE05353-06	American Dental Assn Health Fdn	68,012
Delfino, John J	5R01DE05659-03	Hastington University	71,472
Denny, Paul C	5R01DE04960-06	University of Southern California	91,181
Denny, Paul C	1R01DE04892-01	University of Southern California	0M
Dessen, Dean A	1R03DE04676-01	University of Illinois at Chicago	50,457
Deutsch, Dan	5R01DE03780-03	Hebrew University of Jerusalem	0M
Devore, Dale P	5R01DE05800-03	University of Minnesota	111,360
Di Rienzo, Joseph M	5R01DE04555-02	University of Pennsylvania	40,000M
Dirksen, Thomas R	3R09DE05936-05S4	U.S. PHS Public Advisory Groups	30,000M
Dirksen, Thomas R	3R09DE05936-05S3	U.S. PHS Public Advisory Groups	30,000M
Dirksen, Thomas R	3R09DE05936-05S6	U.S. PHS Public Advisory Groups	20,000M
Dirksen, Thomas R	3R09DE05936-05S5	U.S. PHS Public Advisory Groups	15,000M
Dirksen, Thomas R	3R09DE05936-05S7	U.S. PHS Public Advisory Groups	38,950M
Docherty, John J	1R03DE05936-05A1	Pennsylvania State University Park	21,750
Dohrenwend, Bruce P	5R01DE05989-03	Columbia University	163,304
Dohrenwend, Bruce P	5R01DE05989-02S1	Columbia University	99,111M
Dom, Richard M	5R01DE05832-03	Medical University of South Carolina	0M
Dostrovsky, Jonathan O	1R01DE05404-06	University of Toronto	25,485
Douglas, William H	1R01DE0762-01	University of Minnesota	175,712
Dowd, Frank J	1R01DE06991-01	Creighton University	73,978
Dowd, Frank J	1R01DE06115-01	University of Louisville	84,865
Doyle, Ronald J	5R01DE05182-07	University of Louisville	89,420
Doyle, Ronald J	1R13DE06111-01	University of Louisville	0M
Draughn, Robert A	5R01DE05637-03	Medical University of South Carolina	0M
Druzinsky, Robert E	5R03DE04279-02	University of Illinois at Chicago	10,366
Duke, Pauline J	5R03DE04555-02	University of Illinois at Chicago	0M
Dunston, Georgia M	1R03DE06925-01A1	University of Texas Hlth Sci Ctr Houston	28,500

*Active without FY84 funds.

**Prior Year Award Obligations.

TABLE 65.-- LIST OF PRINCIPAL INVESTIGATORS FOR ALL ACTIVE RESEARCH GRANTS, BY NAME, FY 1984

Principal Investigator	Grant Number	Institution	Amount Awarded
D003			
Dworkin, Samuel F	5R01DE06219-02	University of Washington	98,512
Ehrlich, Julian	5R01DE06035-02	University of Medicine & Dentistry of NJ	143,242
Eick, J David	5R01DE05952-03	Oral Roberts University	63,600
Eisenberg, Arthur D	5R23DE05809-03	Eastern Dental Center	0x
Eisenmann, Dale R	5R01DE05323-03	University of Illinois at Chicago	55,792
Ellis, Edward, III	5R01DE06874-01	University of Michigan at Ann Arbor	5,336
Ellis, Edward, III	5R23DE06874-01	University of Michigan at Ann Arbor	20,400
Endicott, James M	5R03DE06465-02	University of South Florida	76,608
Engel, David	1R03DE06690-01A1	University of Washington	0x
Engel, Donald H	5R01DE06645-02	Case Western Reserve University	0x
Enlow, Donald H	1R03DE06565-01A1	Case Western Reserve University	87,869
Erickson, Carol A	5R01DE05078-06	University of California Davis	0x
Erickson, Robert P	5R01DE05630-04	University of Michigan at Ann Arbor	0x
Erickson, Robert P	5R01DE05322-03	University of Michigan at Ann Arbor	79,921
Erickson, Robert P	5R01DE06108-03	State University of New York at Buffalo	0x
Evans, Richard T	5R01DE04861-07	Medical College of Georgia	242,081
Fairhurst, Carl M Jr	2R01DE06374-03	University of Maryland at Baltimore	94,962
Falkner, William M	5R01DE06725-01	Michigan State University	76,211
Falls, William M	1R01DE06725-01	Michigan State University	124,869
Fanger, Michael M	5R01DE06643-02	Dartmouth College	85,657
Fasgin, Frederick F	1R01DE06951-01	University of Alabama in Birmingham	94,409
Fasgin, Frederick F	1R01DE06761-01	University of Alabama in Birmingham	54,242
Featherstone, John D	1R01DE05738-01	Eastman Dental Center	97,005
Featherstone, John D	1R01DE05738-01	Eastman Dental Center	48,903
Featherstone, John D	5R23DE06091-02	University of Minnesota of Mnpls-St Paul	3,000
Felgal, Robert J	1R13DE38442-01	International Assoc/Machinists/Aerospace	0x
Felds, Howard L	5R23DE05858-03	Temple University	0x
Filwich, Robert J	5R01DE05252-03	Columbia University	99,921
Fine, Daniel H	2R01DE05606-04A1	Columbia University	94,106
Fives-Taylor, Paula M	5R01DE04068-10	Columbia University	326,583
Fleiss, Joseph L	5P01DE01697-22	University of Pittsburgh	117,514
Forrest, Edward J	2R01DE06552-03	University of Utah	0x
Fox, Jeffrey L	1R03DE06689-01	University of Utah	0x
Freeman, Donna J	5R23DE05316-03	Fairleigh Dickinson University Teaneck	1,900,000
Freund, Thomas S	5P50DE02670-18	University of Alabama in Birmingham	84,046
Fullmer, Harold M	1R01DE06635-01A1	University of California Irvine	9,574
Furnas, David M	5R03DE06438-02	Oregon Health Sciences University	70,812
Gabriel, Walter L	1R01DE06744-01	Georgetown University	100,461
Gabriel, Othmar	5R01DE04358-08	State University of New York at Buffalo	0x
Gale, Elliot N	5R01DE06136-02	Medical College of Georgia	11,295
Gangarosa, Louis P, Sr	1R03DE06801-01	University of Colorado Hlth Sciences Ctr	142,266
Gantt, David G	5R01DE03745-13	State University New York Stony Brook	72,311
Garant, Phillip R	2R01DE05586-04	State University New York Stony Brook	10,893
Garant, Phillip R	1R03DE06456-01A1	State University of New York at Buffalo	62,078
Garlapo, Davis A	5R01DE06137-02	Medical College of Georgia	132,226
Garnick, Jerry J	5R01DE05008-06	University of Pennsylvania	20,922
Gesser, David L	1R03DE06901-01	University of Texas Hlth Sci Ctr Houston	0x
Gatchel, Robert J			0x

xActive without FY84 funds.
 xPrior Year Award Obligations.

TABLE 65.-- LIST OF PRINCIPAL INVESTIGATORS FOR ALL ACTIVE RESEARCH GRANTS, BY NAME, FY 1984

D003

Principal Investigator	Grant Number	Institution	Amount Awarded
Gerson-Burke, Mary C	1R03DE06814-01	University of Michigan at Ann Arbor	11,800
Gay, Thomas J	1R01DE06856-01	University of Connecticut Health Center	99,816
Genco, Robert J	5R01DE06519-03	State University of New York at Buffalo	181,815
Gentry, Glenn A	5P50DE04898-08	State University of New York at Buffalo	877,759
Gerasime, Greg R	5R03DE06573-02	University of Mississippi Medical Center	10,557
Gerson, Randall M	5R01DE05652-03	University of Minnesota of Mpls-St Paul	74,354
Gerson, Stanley J	5R01DE06644-02	University of Minnesota of Mpls-St Paul	51,813
Gottelman, Lawrence	5R01DE05946-03	Rensselaer Polytechnic Institute	138,619
Gottelman, Lawrence	1R03DE06465-01	University of Illinois at Chicago	97,119
Gibbons, Ronald J	5R01DE06481-05	Gulf South Research Institute	672,151
Gibbs, Charles H	5P01DE02844-16	Forsyth Dental Center	0X
Gibbs, S Julian	5R01DE04157-10	University of Florida	77,885
Goldberg, A Jon	5R01DE05843-03	Vanderbilt University	143,275
Goldberg, Louis J	5R01DE05321-05	University of Connecticut Health Center	95,072
Goldman, Allen S	5R01DE04166-15	University of California Los Angeles	216,057
Goldman, Allen S	5R01DE06622-08	Children's Hospital of Philadelphia	179,860
Goldstein, Steven M	5R01DE05061-06	Casa Western Reserve University	0X
Golub, Ellis E	5R23DE05789-03	University of Pennsylvania	116,716
Golub, Lorne M	5R01DE06533-02	State University of New York Stony Brook	172,914
Goodman, Murray	2R01DE03987-10	University of California San Diego	162,995
Goodson, Jo Max	5R01DE05676-04	Forsyth Dental Center	0X
Gosling, Jennifer	2R01DE03334-04A1	Washington Dental Center	0X
Graber, Thomas M	5R03DE0323-02	American Dental Assn Health Fdn	126,549
Gratt, Barton M	5R01DE03307-04	University of California Los Angeles	19,590
Green, T L	5R01DE05379-02	University of California San Francisco	103,392
Greene, Robert M	1R03DE06680-01A1	Thomas Jefferson University	95,849
Greene, Robert M	2R01DE05550-04	Thomas Jefferson University	115,919
Greene, Evan H	5R01DE06397-02	Northwestern University	0X
Greener, Evan H	1R01DE06994-01	Northwestern University	8,977
Greer, Robert O	1R03DE06330-01	University of Colorado Hlth Sciences Ctr	50,932
Gregory, Stephen H	5R03DE06313-02	Marquette University	99,985
Grabowski, David E	5R03DE06364-02	University of Washington	41,520
Gron, Paul	1R23DE06562-01A1	Forsyth Dental Center	146,422
Gums, Ronald M	1R43DE07050-01	Guabs Associates	11,377
Haber, Jerome	1R01DE06864-01	Tufts University	0X
Hamlet, Sandra L	1R03DE07019-01	University of Maryland College Pk Campus	271,382
Hamlet, Sandra L	5R01DE03631-09	University of Maryland College Pk Campus	91,491
Hammond, Benjamin F	2R01DE03640-04	University of Pennsylvania	46,857
Harper, Jeffrey F	5R01DE06511-02	University of Texas Hlth Sci Ctr Houston	123,336
Hartmann, Ernest L	5R01DE06420-02	Tufts University	135,164
Hawell, Thomas M	5R01DE06671-02	University of Maryland at Baltimore	0X
Hausmann, Ernest	5R01DE05623-03	State University of New York at Buffalo	148,687
Hawley, Robert J	5R01DE05634-03	Georgetown University	0X
Hay, Donald I	5R01DE03915-11	Forsyth Dental Center	0X

Active without FY84 funds.
 Prior Year Award Obligations.

TABLE 65.-- LIST OF PRINCIPAL INVESTIGATORS FOR ALL ACTIVE RESEARCH GRANTS, BY NAME, FY 1984

Principal Investigator	Grant Number	Institution	Amount Awarded
Malseth, Donald L, Jr	5R23DE05793-03	Northwestern University	49,231
Herring, Susan M	5R01DE05905-03	University of Illinois at Chicago	59,659
Herrberg, Mark C	5R23DE05501-03	University of Minnesota at Minneapolis-St Paul	0x
Hays, Donald R	1R03DE06815-01A1	University of Michigan at Ann Arbor	17,973
Hicks, M John	5R23DE06829-02	University of Colorado Hlth Sciences Ctr	45,045
Higuchi, William I	5R01DE06569-03	University of Utah	139,734
Hilman, Jeffrey D	5R01DE064529-08	Forsyth Dental Center	104,774
Hinton, Robert J	1R23DE06982-01	Baylor College of Dentistry	42,813
Hirschman, Richard	5R01DE06294-03	Kent State University at Kent	42,233
Hogan, Edward L	3R09EG06854-11S1	U.S. PHS Public Advisory Groups	50,000
Holt, Stanley C	5R01DE05123-07	University of Massachusetts Amherst	75,477
Holt, Stanley C	7R01DE07267-01	University of Texas Hlth Sci Ctr San Ant	66,048
Hulbert, Samuel F	1R13DE06873-01	Rose-Hulman Institute of Technology	12,000
Humphreys-Baehr, Michael G	1R03DE06356-01	Purdue University West Lafayette	47,448
Hurley, Thomas M	5R01DE06008-03	University of Missouri Columbia	47,800
Hurley, Thomas M	5R23DE06130-03	University of Missouri Columbia	74,617
Husain, M Z	1R01DE06622-01A1	University of California San Francisco	115,266
Hylander, William L	5R01DE06451-07	Duke University	0x
Ingersoll, Barbara D	5R23DE05799-02	West Virginia University	67,064
Iorio, Robert J	5R01DE05024-06	Marquette University	0x
Izutsu, Kenneth T	1R03DE06487-01	University of Washington	100,204
Jacobs, John H	5R01DE06373-02	University of Washington	91,813
Jacobson, Gary R	5R01DE06624-02	University of Texas Hlth Sci Ctr San Ant	71,950
Jilka, Robert L	5R01DE05966-03	Boston University	0x
Johnson, Doretha A	5R01DE05209-05	University of Kansas Col Hlth Sci & Hosp	74,429
Johnson, Lewis B, Jr	5R01DE06000-04	University of Texas Hlth Sci Ctr San Ant	0x
Johnson, Russell C	5R01DE03965-10	University of Virginia Charlottesville	82,672
Johnston, Malcolm C	5R01DE05144-05	University of Minnesota at Minneapolis-St Paul	91,799
Jordan, Truman H	5R01DE06214-02	University of North Carolina Chapel Hill	34,337
Jordan, Truman H	5R01DE04192-09	Cornell College	0x
Kahn, Arnold J	5R01DE04705-05	Cornell College	102,146
Kaldahl, Wayne B	5R01DE04629-08	Washington University	122,582
Kamen, Paul R	5R01DE06103-02	University of Nebraska Lincoln	0x
Kapur, Krishan K	5R23DE05887-03	Columbia University	32,457
Kashket, Shelby	1R01DE06636-01A1	U.S. Vets Admin Med Ctr (Sepulveda, Ca)	98,643
Katz, Simon	2R01DE05917-09	Forsyth Dental Center	49,647
Kegeles, S Stephen	5R01DE06105-02	Indiana Univ-Purdue Univ at Indianapolis	220,405
Kegeles, S Stephen	5R01DE03868-09	University of Connecticut Health Center	0x
Keller, John C	1R01DE06032-01	University of Connecticut Health Center	10,643
Keller, Patricia J	1R03DE06675-01A1	Medical University of South Carolina	149,772
Kell, Robert A	2R01DE05251-05	University of Washington	55,757
Kim, Sun-Kee	1R23DE06832-01	University of Connecticut Health Center	0x
Kim, Syngook	1R03DE06582-01	University of Michigan at Ann Arbor	142,925
King, Gregory J	2R01DE05605-04	Columbia University	0x
Kiyak, H Asuman	5R01DE06444-06	University of Florida	72,602
	5R01DE05744-04	University of Washington	0x

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 **Prior Year Award Obligations.

TABLE 65.-- LIST OF PRINCIPAL INVESTIGATORS FOR ALL ACTIVE RESEARCH GRANTS, BY NAME, FY 1984

D003

Principal Investigator	Grant Number	Institution	Amount Awarded
Klein, Leroy	5R01DE05487-03	Case Western Reserve University	0K
Klein, Richard J	1R03DE06798-01	New York University	23,835
Klein, Robert M	1R03DE06489-01A1	University of Kansas Col Hlth Sci & Hosp	20,790
Kleinknecht, Ronald A	1R03DE06264-01A2	Western Washington University	21,750
Klepac, Robert K	5R01DE06560-02	Florida State University	0K
Knox, Kenneth W	5R01DE04174-09	Institute of Dental Research	0K
Kollar, Edward J	5R03DE06298-02	University of Connecticut Health Center	11,509
Koran, Andrew, III	2R01DE04136-10	University of Michigan at Ann Arbor	66,392
Korman, Kenneth S	5R23DE05599-03	University of Connecticut Health Center	0K
Kornman, Kenneth S	5R01DE03706-03	University of Connecticut Health Center	0K
Kornman, Kenneth S	1R01DE07128-01	University of Texas Hlth Sci Ctr San Ant	155,535
Koski, Carol L	5R03DE06260-02	University of Maryland at Baltimore	0K
Kribbs, Patricia J	5R23DE06033-03	University of Washington	47,366
Kristol, David S	5R01DE05053-05	New Jersey Institute of Technology	96,282
Krogman, Milton M	5R01DE05868-03	H. K. Cooper Clinic	0K
Krywolap, George M	5R03DE04532-02	University of Maryland at Baltimore	9,016
Kuettner, Klaus E	1R43DE06932-01	University of Rhode Island	5,000
Kuramitsu, Howard K	5R01DE05141-03	Applied Biomedical Corporation	49,982
Kuramitsu, Howard K	5R01DE03258-13	Northwestern University	96,636
Kuriyama, Masao	1R03DE06969-01	U.S. National Bureau of Standards	15,000
Lamster, Ira B	5R23DE05953-03	Fairleigh Dickinson University Teaneck	56,038
Landis, William J	7R01DE04898-01	Children's Hospital (Boston)	0K
Lang, Brian R	1R01DE06720-01	University of Michigan at Ann Arbor	159,904
Langland, Kaare	5R01DE04096-06	University of Connecticut Health Center	0K
Lentz, Marilyn S	1R23DE06915-01	University of Connecticut Health Center	19,030
Lentz, Marilyn S	7R23DE07256-01	University of Alabama in Birmingham	32,015
Laskin, Daniel M	5R01DE05679-02	University of Illinois at Chicago	0K
Laskin, Daniel M	1P01DE06946-01	Virginia Commonwealth University	178,319
Laughon, Barbara	5R23DE06215-03	Johns Hopkins University	56,615
Le Gerres, Kacquel Z	5R01DE04123-09	New York University	131,702
Leblond, Charles P	5R01DE05690-03	Mc Gill University	0K
Leeb, Irwin J	1R03DE06677-01	University of North Carolina Chapel Hill	11,094
Leonard, Jack E	1R13DE06561-01	University of Alabama in Birmingham	0K
Leonard, Myer S	5R01DE05382-03	University of Minnesota of Mnpls-St Paul	0K
Leonard, Rebecca J	1R03DE06799-01	University of California Davis	11,628
Leverett, Dennis H	5R01DE06418-02	Eastman Dental Center	113,729
Levin, Leslie S	5R01DE06063-03	Johns Hopkins University	130,920
Levine, Jon D	5R01DE05369-06	University of California San Francisco	148,879
Levine, Martin	1R01DE06740-01A1	University of Oklahoma Hlth Sciences Ctr	93,787
Levine, Martin	5R23DE05050-03	University of Oklahoma Hlth Sciences Ctr	0K
Levine, Michael J	5R01DE04518-08	State University of New York at Buffalo	93,003
Levine, Michael J	5R01DE04971-06	State University of New York at Buffalo	153,313
Levine, Michael J	1R43DE06899-01	Neushtul Mariculture, Inc.	0K
Lewis, Raymond J	5R01DE02953-15	University of Connecticut Health Center	117,861
Li, Shu-Tung	5R01DE06464-08	University of Minnesota of Mnpls-St Paul	87,517
Lijemarsk, William F			

*Active without FY84 funds.
 *Prior Year Award Obligations.

TABLE 65.-- LIST OF PRINCIPAL INVESTIGATORS FOR ALL ACTIVE RESEARCH GRANTS, BY NAME, FY 1984

D003

Principal Investigator	Grant Number	Institution	Amount Awarded
Lillie, John H	1R01DE06977-01	University of Michigan at Ann Arbor	169,884
Linke, Harold A	1R03DE07015-01	New York University	22,865
Linzer, Rosemary	1R03DE06604-01	State University of New York at Buffalo	82,295
Lipson, Loren G	5R01DE06085-02	University of Southern California	145,430
Listgarten, Max A	5R01DE06030-03	University of Pennsylvania	215,590
Loesche, Walter J	5R01DE05942-03	University of Michigan at Ann Arbor	0x
Long, Ross E, Jr	5R01DE05723-03	H. K. Cooper Clinic	0x
Lopatin, Dennis E	5R01DE05890-03	University of Michigan at Ann Arbor	91,177
Lozada, Richard A	5R01DE05467-03	University of California San Francisco	0x
Lubch, Richard A	1R01DE06943-01	University of California Riverside	54,424
Luschel, Erich S	5R01DE06120-03	University of Iowa	75,463
Mackenzie, Ian C	5R01DE05395-05	University of Iowa	95,191
Mackenzie, Ian C	5R01DE05190-06	University of Iowa	115,746
Mackenzie, Richard S	1R03DE06773-01	University of Florida	22,313
Mackert, John R, Jr	1R03DE06266-01	Medical College of Georgia	0x
Macrina, Francis L	5R01DE04224-10	Virginia Commonwealth University	75,728
Maguire, James H	5R01DE06541-02	University of North Carolina Chapel Hill	76,336
Mahler, David B	5R01DE02936-16	Oregon Health Sciences University	73,158
Mahler, David B	5R01DE02320-19	Oregon Health Sciences University	116,815
Malaud, Daniel F	5R01DE05462-03	University of Pennsylvania	0x
Mallok, Henry M	1R03DE07020-01	Georgetown University	12,288
Mandel, Irwin D	2R01DE01550-23	Columbia University	183,232
Mandell, Robert L	5R23DE06683-03	Forst Dental Center	51,889
Mandell, Rosemary D	5R23DE06040-03	Fairleigh Dickinson University Teaneck	59,300
Mangan, Dennis F	5R23DE06023-02	University of Michigan at Ann Arbor	0x
Mangan, Dennis F	5R23DE06977-02	University of Rochester	55,535
Mark, Miroslav I	2R01DE03601-11A2	Georgia Institute of Technology	83,546
Marfurt, Carl F	1R01DE06093-01A1	Pennsylvania State Univ Hershey Med Ctr	86,235
Marfurt, Carl F	7R01DE07133-01	Indiana Univ-Purdue Univ Med Ctr Shreveport	0x
Marino, Andrew A	1R03DE06357-01	Louisiana State Univ Med Ctr Shreveport	0x
Marks, Sandy C, Jr	5R01DE03818-09	University of Massachusetts Medical Sch	0x
Marks, Sandy C, Jr	5R01DE05996-03	University of Massachusetts Medical Sch	0x
Marquis, Robert E	5R01DE06127-02	University of Rochester	81,204
Marshall, Grayson W	5R01DE06563-02	Northwestern University	83,606
Marshall, Sally J	5R01DE04704-06	Northwestern University	106,709
Martinez, J Ricardo	2R01DE04897-04A1	University of Missouri Columbia	48,261
Masters, Patricia M	1R23DE06896-01	University of California San Diego	142,088
Mathew, Mathai	5R01DE05030-06	American Dental Assn Health Fdn	71,790
Mayer, Robert M	5R01DE03731-09	Ohio State University	101,190
Mc Arthur, William P	5R01DE06231-02	University of Florida	10,293
Mc Arthur, William P	5R03DE06605-02	University of Miami	172,648
McCabe, Wad M	2R01DE04321-10	State University of New York at Buffalo	13,123
Mc Call, Willard D, Jr	5R01DE04889-06	University of Alabama in Birmingham	352,783
Mc Callum, Debra M	1R03DE07042-01	New York University	0x
Mc Carthy, Joseph G	5P01DE03568-10		0x

*Active without FY84 funds.

**Prior Year Award Obligations.

TABLE 65.-- LIST OF PRINCIPAL INVESTIGATORS FOR ALL ACTIVE RESEARCH GRANTS, BY NAME, FY 1984

D005

Principal Investigator	Grant Number	Institution	Amount Awarded
Mc Caul, Kevin D	5R01DE06656-02	North Dakota State University	67,296
Mc Ghee, Jerry R	5R01DE04217-10	University of Alabama in Birmingham	101,874
Mc Intire, Floyd C	5R01DE04926-06	University of Colorado Hlth Sciences Ctr	0x
Mc Kwara, James A, Jr	5R01DE04227-10	University of Michigan at Ann Arbor	93,459
Mechanic, Gerald L	1R03DE06616-01	University of North Carolina Chapel Hill	0x
Melander, Stephen P	5R01DE05616-06	University of Texas Austin	121,697
Melamed, Barbara G	2R01DE05305-04A1	University of Florida	118,726
Melcher, Anthony H	1R13DE06508-01	Gordon Research Conference	0x
Melnick, Michael	5R01DE05440-03	University of Southern California	0x
Mercuri, Louis G	5R01DE05930-02	Virginia Commonwealth University	0x
Mertz-Fairhurst, Eva J	5R01DE06112-04	Medical College of Georgia	99,956
Meyer, Julia	5R01DE02342-13	University of Illinois at Chicago	96,633
Mayer, Julia	1R03DE06701-01	University of Illinois at Chicago	0x
Mayer, Maurice H	1R03DE06307-01	University of Illinois at Chicago	0x
Miller, Arthur J	5R01DE02212-15	University of Minnesota at Mpls-St Paul	188,462
Miller, Scott C	2R01DE05558-04	University of California San Francisco	0x
Miller, Susan C	5R01DE04940-06	University of California San Francisco	63,860
Miller, Glenn E	5R01DE06007-02	University of Utah	0x
Minkoff, Robert	5R01DE04961-06	University of Minnesota at Mpls-St Paul	0x
Miyasaki, Kenneth T	5R01DE06757-01	University of Maryland at Baltimore	122,148
Moffett, Benjamin C, Jr	1R13DE05379-04	University of Southern California	0x
Montgomery, Edward H	1R03DE06526-01	University of North Carolina Chapel Hill	0x
Moore, Paul A	1R03DE06903-01	State University of New York at Buffalo	51,937
Moore, Paul A	1R01DE07011-01	University of Washington	186,988
Moore, Paul A	5R01DE05507-03	American Association for Dental Research	23,205
Moore, Paul A	1R03DE07012-01	University of Louisville	107,458
Moore, Paul A	5R01DE05507-03	Forsyth Dental Center	0x
Moore, Paul A	1R03DE07012-01	Forsyth Dental Center	10,044
Moore, Paul A	5R01DE02873-15	Forsyth Dental Center	0x
Moore, Paul A	1R03DE03739-12	University of Southern California	124,429
Moore, Paul A	5R01DE07045-01	Medical College of Georgia	28,037
Moore, Paul A	1R03DE03187-13	Forsyth Dental Center	240,659
Moore, Paul A	1R13DE03376-01	University of Rhode Island	0x
Moore, Paul A	5R01DE05837-04	University of Iowa	702,047
Moore, Paul A	5R01DE05923-02	Northwestern University	0x
Moore, Paul A	5R01DE05145-03	Columbia University	45,114
Moore, Paul A	1R23DE06546-01A1	University of Mississippi	36,138
Moore, Paul A	2P01DE03610-18	University of Michigan at Ann Arbor	5,000
Moore, Paul A	5R03DE06692-02	U.S. Uniformed Services Univ of Hlth Sci	43,533
Moore, Paul A	2R01DE04164-07	University of Illinois at Chicago	107,674
Moore, Paul A	1R01DE04955-01	Harvard University	44,695
Moore, Paul A	5R23DE06945-02	University of California San Francisco	18,760
Moore, Paul A	1R03DE07013-01	Medical College of Georgia	5,820
Moore, Paul A	1R03DE06937-01	University of Pennsylvania	21,000
Moore, Paul A	1R03DE06572-01A1	Medical College of Georgia	0x

xActive without FY84 funds.
 xxPrior Year Award Obligations.

TABLE 65.-- LIST OF PRINCIPAL INVESTIGATORS FOR ALL ACTIVE RESEARCH GRANTS, BY NAME, FY 1984

Principal Investigator	Grant Number	Institution	Amount Awarded
Nancollas, George H	5R01DE03223-14	State University of New York at Albany	63,835
Nanda, Ravindra	2R01DE05396-04A1	University of Connecticut Health Center	114,659
Natiella, Joseph R	5R01DE04226-08	State University of New York at Buffalo	93,208
Natiella, Joseph R	5R01DE03991-08	State University of New York at Buffalo	0K
Navia, Juan M	5R01DE04862-06	University of Alabama in Birmingham	0K
Nichols, David H	5R23DE06243-02	Creighton University	47,716
Nichols, William K	1R03DE06933-01	University of Utah	20,735
Niederman, Richard	5R23DE06448-02	Massachusetts General Hospital	23,480
Niederman, Richard	7R23DE07268-01	Forsyth Dental Center	25,998
Nikolai, Robert J	5R01DE03608-09	St. Louis University	7,831
Nisengard, Russell J	5R01DE06632-02	State University of New York at Buffalo	71,967
Norden, Drew M	1R03DE06501-01	Cornell University Ithaca	0K
Norsman, Richard D	1R03DE06599-01	Southern Illinois Univ at Edwardsville	0K
Nysman, Sture	5R01DE04890-06	Gothenburg University	68,850
O'Brien, William J	5R01DE05423-05	University of Michigan at Ann Arbor	87,812
Offenbacher, Steven	5R23DE05957-03	Emory University	0K
Okabe, Toru	5R01DE06539-02	Raylor College of Dentistry	0K
Opdenbeck, William R	5R01DE04335-06	University of Medicine & Dentistry of NJ	135,927
Oppenheim, Frank G	5R01DE05494-02	Boston University	68,857
Pabst, Michael J	5R01DE03672-02	National Jewish Hosp & Res Ctr-Nat'l Ast	1,524,805
Page, Roy C	5P50DE02600-18	University of Washington	177,581
Park, Byung H	5R01DE03301-14	Children's Hospital (Buffalo)	77,911
Park, No Hee	7R23DE06435-01	Harvard University	0K
Parks, Laurence C	5R23DE06072-03	University of Louisville	40,935
Pashley, David H	5R01DE06427-03	Medical College of Georgia	127,763
Pask, Joseph A	2R01DE05460-04A1	University of Connecticut Health Center	177,029
Patters, Mark R	5R23DE05331-03	University of Connecticut	13,630
Paulson, Ruth B	1R03DE06272-01A2	Ohio State University	99,375
Perry, Dennis	5R01DE06083-02	Northwestern University	115,194
Pertschuk, Michael J	2R01DE06570-03	Graduate Hospital	0K
Peterson, Cynthia E	1R03DE06335-01	University of Connecticut Storrs	108,475
Pezuto, John H	5R01DE06510-02	University of Maryland at Baltimore	23,235
Phillips, Calb L	1R03DE06678-01A1	University of Illinois at Chicago	77,007
Phillips, Ralph M	5R01DE05698-03	University of North Carolina Chapel Hill	27,194
Pietrzyk, Donald J	5R01DE05839-02	Indiana Univ-Purdue Univ at Indianapolis	15,003
Pitaru, Sandu	1R01DE06128-01	University of Iowa	136,965
Pollock, Jerry J	1R03DE06804-01	Tel Aviv University	52,461
Potter, Rosario H	5R01DE04296-10	State University New York Stony Brook	50,116
Potter, Rosario H	5R01DE05669-04	Indiana Univ-Purdue Univ at Indianapolis	126,168
Prince, Charles H	5R01DE05771-03	Indiana Univ-Purdue Univ at Indianapolis	0K
Proffit, William R	1R23DE06739-01	University of Alabama in Birmingham	0K
Proffit, William R	2R01DE05215-06	University of North Carolina Chapel Hill	0K
Pujol, Alfonso, Jr	5R01DE03198-04	University of North Carolina Chapel Hill	41,749
	5R01DE03844-03	University of Tennessee Knoxville	

*Active without FY84 funds.
 **Prior Year Award Obligations.

TABLE 65.-- LIST OF PRINCIPAL INVESTIGATORS FOR ALL ACTIVE RESEARCH GRANTS, BY NAME, FY 1984

D005

Principal Investigator	Grant Number	Institution	Amount Awarded
Pukney, James M, Jr	5R01DE05764-05	Virginia Commonwealth University	123,102
Quissell, David O	5R01DE04778-06	University of Colorado Hlth Sciences Ctr	116,670
Rankine, Christopher A	1R03DE06880-01A1	University of Texas Hlth Sci Ctr San Ant	19,658
Ranly, Don M	1R03DE06446-01A1	University of Texas Hlth Sci Ctr San Ant	10,538
Ranney, Richard R	5P50DE05139-07	Virginia Commonwealth University	909,541
Ranney, Richard R	5R01DE05054-06	Virginia Commonwealth University	287,233
Rao, G Subba	1R03DE06600-01A1	American Dental Association	24,283
Rauls, Henry R	5R01DE06170-02	Louisiana State Univ Med Ctr New Orleans	63,466
Rauls, Henry R	5R01DE05596-03	Louisiana State Univ Med Ctr New Orleans	45,916
Rauls, Henry R	5R01DE04749-05	Louisiana State Univ Med Ctr New Orleans	46,545
Rauls, Chade S	1R23DE06196-01A1	Ohio State University	100,852
Reddy, Chade S	7R23DE07107-01	University of Missouri Columbia	12,227
Reed, Michael J	5R01DE05732-03	University of Mississippi Medical Center	64,791
Reisine, Susan T	5R03DE05497-03	University of Connecticut Health Center	113,028
Retief, Daniel H	5R01DE05769-06	Temple University	128,999
Retief, Daniel H	5R03DE06466-02	University of Alabama in Birmingham	20,949
Reusch, Victor M, Jr	5R01DE05597-03	University of Denver	102,850
Rhodes, Robert M	5R01DE05597-03	University of Mad & Dent-Rutgers Med Sch	129,150
Rhodes, Robert M	5R01DE05597-03	Maharry Medical College	34,458
Riolo, Michael R	5R01DE05597-03	University of California Los Angeles	143,073
Riviere, George R	5R01DE05597-03	University of California Los Angeles	129,322
Riviere, George R	5R01DE05597-03	University of Pennsylvania	72,736
Robyt, John F	5R01DE05597-03	University of Pennsylvania	904,601
Rodan, Gideon A	5R01DE05597-03	University of Maryland at Baltimore	452,296
Rosen, Burton	5R01DE05597-03	University of Pennsylvania	71,314
Rosen, Barry P	5R01DE05597-03	University of Pennsylvania	138,168
Rosenbloom, Joel	5R01DE05597-03	University of Pennsylvania	6,426
Rosenbloom, Joel	5R01DE05597-03	University of Pennsylvania	32,504
Rosenfeld, Joel P	5R01DE05597-03	University of Pennsylvania	15,400
Russell, Edward F	5R01DE05597-03	University of Pennsylvania	264,279
Russell, Michael H	5R01DE05597-03	University of Pennsylvania	206,279
Rutherford, R Bruce	5R01DE05597-03	University of Pennsylvania	194,303
Ryan, Vivian H	5R01DE05597-03	University of Pennsylvania	59,640
Ryder, Mark I	5R01DE05597-03	University of Pennsylvania	103,663
Sadowsky, Cyril	5R01DE05597-03	University of Pennsylvania	68,456
Sakamoto, Selzaburo	5R01DE05597-03	University of Pennsylvania	129,371
Scheiner, Mary A	5R01DE05597-03	University of Pennsylvania	86,868
Schenkel, Harvey A	5R01DE05597-03	University of Pennsylvania	
Schlesinger, David H	5R01DE05597-03	University of Pennsylvania	
Schneider, Gary B	5R01DE05597-03	University of Pennsylvania	
Schneir, Michael L	5R01DE05597-03	University of Pennsylvania	
Schmeyer, Charlotte A	5R01DE05597-03	University of Pennsylvania	

*Active without FY84 funds.
 *Prior Year Award Obligations.

TABLE 65.--- LIST OF PRINCIPAL INVESTIGATORS FOR ALL ACTIVE RESEARCH GRANTS, BY NAME, FY 1984

Principal Investigator	Grant Number	Institution	Amount Awarded
Schmeyer, Charlotte A	5R01DE02110-20	University of Alabama in Birmingham	136,023
Schnitzman, Paul A	3R01DE05563-04S2	Harvard University	90,556
Schnitzman, Paul A	3R01DE05563-04S1	Harvard University	25,227
Schraer, Harold	5R01DE0345-09	Pennsylvania State University Park	157,856
Schrotenboer, Gordon H	1R15DE03900-01A1	American Dental Association	51,180
Schubot, David B	5R23DE06207-02	Medical College of Georgia	0
Schwartz, George S	7R01DE06239-01	University of Chicago	113,388
Schwartz, Stephen A	5R01DE04970-06	University of Rochester	78,799
Selander, Robert K	5R01DE06031-02	University of Texas San Antonio	57,618
Sensen, David M	7R01DE06904-01	University of Toronto	0
Sesale, Barry J	2R01DE04786-07	University of Pennsylvania	0
Shenker, Bruce J	5R23DE06014-03	University of California San Francisco	0
Shillito, Edward J	1R01DE06097-01	University of California San Francisco	0
Shillito, Edward J	1R01DE07007-01	University of Texas Hlth Sci Ctr Houston	0
Shillito, Edward J	2R01DE05330-04	University of California San Francisco	56,028
Shillito, Edward J	5R01DE07008-02	University of California San Francisco	126,789
Shockman, Gerald D	5R01DE03487-13	University of Texas Hlth Sci Ctr Houston	33,840
Shur, Barry D	7R01DE07120-01	Temple University	29,539
Shur, Barry D	5R01DE06225-02	University of Texas System Cancer Center	0
Siegel, Ivens A	5R01DE05678-03	University of Connecticut Health Center	24,315
Siew, Chakman Calvin C	1R03DE06823-01	University of Illinois Urbana-Champaign	164,344
Silverstein, Leon M	1R43DE06769-01	American Dental Association	124,782
Silverstone, James M	5R01DE06564-03	CCS Associates	0
Simmelink, James M	5R01DE05252-19	University of Colorado Hlth Sciences Ctr	0
Simmons, David J	5R01DE05103-03	Washington University	0
Simpson, Maits A	5R01DE05773-03	University of Tenn Center Health Scien	286,678
Singer, Leon	2R01DE01850-21	University of Minnesota of Mpls-St Paul	130,093
Skobe, Ziedonis	5R01DE04230-09	Forsyth Dental Center	324,823
Slavkin, Harold C	1R01DE06425-01A2	University of Southern California	159,320
Slavkin, Harold C	5P01DE02848-14	University of Southern California	106,956
Slomiany, Bronislaw L	2R01DE05666-04	Forsyth Dental Center	0
Smith, Daniel J	5R01DE06153-03	University of Miami	0
Smith, Eric E	5R01DE03118-13	Central State Univ (Wilberforce, Oh)	149,028
Smith, L Shalbert	1R15DE03171-01	Duke University	934,538
Snyderman, Ralph J	5P50DE03738-12	Forsyth Dental Center	0
Socransky, Sigmond S	5R01DE04881-08	Temple University	0
Sodico, Marvin	5R01DE03666-08	University of California Los Angeles	0
Solberg, William K	5R01DE05381-03	Emory University	0
Spector, Myron	2R01DE03300-02	University of Louisville	141,508
Staat, Robert H	5R01DE05427-03	American Dental Assn Health Fdn	0
Stanford, John H	5R01DE05761-05	Forsyth Dental Center	0
Stashenko, Philip	5R01DE05747-03	University of Denver	164,073
Stedman, Hazel M	7R23DE06839-01	State University of New York at Buffalo	49,476
Stinson, Murray M	2R01DE05696-04A1	Texas Agri and Mech Univ College Station	0
Stott, George G	5R01DE06485-02	Columbia University	0
Stuchell, Robert M	5R23DE05777-03		0

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 Prior Year Award Obligations.

TABLE 65.--- LIST OF PRINCIPAL INVESTIGATORS FOR ALL ACTIVE RESEARCH GRANTS, BY NAME, FY 1984

D003

Principal Investigator	Grant Number	Institution	Amount Awarded
Stumpff, Walter E	1R01DE06856-01	University of North Carolina Chapel Hill	31,740
Stupp, Samuel I	5R01DE05945-03	University of Illinois Urbana-Champaign	44,392
Sulik, Kathleen K	5R23DE05906-02	University of North Carolina Chapel Hill	0X
Sutter, Vera L	5R01DE05560-03	University of California Los Angeles	0X
Svanberg, Gunnar K	1R01DE06953-01	University of Michigan at Ann Arbor	161,371
Syftestad, Glenn T	1R01DE06886-01	Case Western Reserve University	128,864
Tabak, Laurence A	1R01DE06970-01	State University of New York at Buffalo	132,828
Tabak, Laurence A	5R23DE05893-03	State University of New York at Buffalo	27,801
Taber, Harry W	5R09RG00016-02	U.S. PHS Public Advisory Groups	75,800
Taichman, Lorne B	5R01DE06511-09	State University New York Stony Brook	150,561
Taichman, Norton S	5R01DE05995-10	University of Pennsylvania	298,187
Talley, Deanna J	1R03DE06821-01A1	Marquette University	7,976
Tanner, Anne C	2R01DE03488-13	Forsyth Dental Center	117,125
Tanzer, Francis S	1R03DE06263-01A2	University of Tenn Center Health Scien	21,300
Tanzer, Jason M	5R01DE03758-10	University of Connecticut Health Center	180,808
Taubean, Martin A	5R01DE03420-12	Forsyth Dental Center	124,914
Taubean, Martin A	5R01DE06733-07	Forsyth Dental Center	154,794
Teitelbaum, Steven L	5R01DE05415-05	Jewish Hospital of St. Louis	136,383
Telser, Alvin G	5R01DE06556-02	Northwestern University	89,321
Telser, Alvin G	5R23DE06222-03	University of Rochester	52,463
Thibodeau, Edward A	5R01DE04235-08	St. Jude Children's Research Hospital	75,815
Thomas, Edwin L	1R03DE06295-01	Oregon Health Sciences University	0X
Thompson, Martha E	5R01DE05838-05	Tufts University	248,948
Toole, Bryan P	5R01DE05210-05	University of North Carolina Chapel Hill	82,007
Toverud, Svein U	5R01DE05210-05	University of California Los Angeles	0X
Turley, Patrick K	5R23DE05883-03	University of California Los Angeles	85,604
Turner, Dennis F	2R01DE06585-02	University of Michigan at Ann Arbor	0X
Tyler, Mary S	5R01DE04859-05	University of Maine at Orono	0X
Urist, Marshall R	5R01DE02103-20	University of California Los Angeles	217,822
Vaidyanathan, Iritala K	5R23DE05314-03	New York University	0X
Van Dor Spiegel, Jan	5R01DE06426-02	University of Pennsylvania	109,295
Van Dyke, Thomas E	5R01DE06436-03	Emory University	52,150
Veis, Arthur	1R35DE06995-01	Gordon Research Conferences	7,500
Veis, Arthur	5R01DE01374-24	Northwestern University	175,529
Vitek, Jozef	5R01DE06881-02	University of Michigan at Ann Arbor	100,030
Vogel, James J	5R01DE04039-05	New York Medical College	0X
Walker, John H	5R01DE0439-06	University of Texas Hlth Sci Ctr Houston	0X
Walker, Clay B	2R01DE05956-04	University of Connecticut Health Center	73,144
Walsh, Margaret M	5R01DE06070-03	University of Florida	95,146
Warren, Donald W	1R03DE06472-01	University of California San Francisco	0X
Waterman, Robert E	1R01DE06957-01	University of North Carolina Chapel Hill	95,014
Waterman, Robert E	5R01DE05555-03	University of New Mexico Albuquerque	0X
Watson, Robert E	5R01DE05881-03	University of New Mexico Albuquerque	63,233
Watson, Ann Y	5R23DE05985-03	Harvard University	0X
Watson, Eileen L	5R01DE05249-05	Harvard University	115,691
Wayler, Alan H	5R23DE05827-03	Harvard University	69,572

Active without FY84 funds.
 *Prior Year Award Obligations.

TABLE 65.-- LIST OF PRINCIPAL INVESTIGATORS FOR ALL ACTIVE RESEARCH GRANTS, BY NAME, FY 1984

Principal Investigator	Grant Number	Institution	Amount Awarded
Heber, Dennis F	5R01DE05530-03	University of Illinois at Chicago	10,954
Heber, Dennis F	1R03DE06718-01A1	University of Illinois at Chicago	96,643
Heber, Dennis F	2R01DE04486-07	University of Iowa	25,500
Heber, Dennis F	1R03DE06902-01	University of Medicine & Dentistry of NJ	92,291
Heber, Dennis F	1R01DE06417-01A1	University of Washington	103,845
Heber, Dennis F	5R01DE05913-03	University of Connecticut Health Center	0K
Heber, Dennis F	5R01DE04047-05	University of North Carolina Chapel Hill	48,554
Heber, Dennis F	1R23DE06618-01A1	University of Oregon	126,476
Heber, Dennis F	5R01DE04316-08	University of Washington	74,522
Heber, Dennis F	5R01DE04942-06	Medical College of Georgia	77,710
Heber, Dennis F	5R01DE06429-03	Medical College of Georgia	177,604
Heber, Dennis F	2R01DE06113-04	Southern Illinois Univ at Edwardsville	0K
Heber, Dennis F	1R03DE06577-01	University of New South Wales	20,994
Heber, Dennis F	5R01DE04175-09	University of Michigan at Ann Arbor	89,896
Heber, Dennis F	1R03DE04813-01	University of Florida	21,238
Heber, Dennis F	1R01DE08866-01	University of New York at Buffalo	51,714
Heber, Dennis F	1R03DE06968-01	State University of New York at Buffalo	21,300
Heber, Dennis F	5R23DE06640-02	West Virginia University	10,725
Heber, Dennis F	1R03DE07005-01	University of California Los Angeles	0K
Heber, Dennis F	5R03DE06706-02	Loyola University Medical Center	177,284
Heber, Dennis F	5R01DE05027-06	Medical University of South Carolina	48,108
Heber, Dennis F	5R01DE03497-11	Georgia Institute of Technology	21,049
Heber, Dennis F	5R01DE01912-21	Georgetown University	175,558
Heber, Dennis F	5R01DE06913-02	University of Massachusetts Amherst	175,558
Heber, Dennis F	1R03DE06818-01	University of Southern California	160,692
Heber, Dennis F	1R01DE06852-01	Total for FY84	\$55,160,670
Heber, Dennis F		Active Grants	670

XActive without FY84 funds.
 XEPrior Year Award Obligations.

TABLE 66.-- LIST OF RESEARCH GRANTS, BY GRANT NUMBER, FY 1984

Caries & Restorative Materials

Type of Application and Grant Number	Principal Investigator	Institution	Funds Awarded
SR01DE01374-24	Veis, Arthur	Northwestern University	175,529
2R01DE01554-23	Mandel, Irwin D	Columbia University	183,232
2R01DE01850-21	Singer, Leon	University of Minnesota of Mnpls-St Paul	286,678
SR01DE01912-21	Young, Robert A	Georgia Institute of Technology	177,284
SR01DE02212-15	Meyer, Maurice M	University of Minnesota of Mnpls-St Paul	0x
SR01DE02320-19	Mahler, David B	Oregon Health Sciences University	114,815
SR01DE02525-19	Simmelink, James H	Case Western Reserve University	124,782
SR01DE02936-16	Mahler, David B	Oregon Health Sciences University	73,158
SR01DE03118-13	Smith, Eric E	University of Miami	0x
SR01DE03180-14	Rosan, Burton	University of Pennsylvania	129,322
SR01DE03187-13	Moreno, Edgard C	Forsyth Dental Center	240,859
SR01DE03223-14	Nancollas, George H	State University of New York at Albany	63,835
SR01DE03258-13	Kuramitsu, Howard K	Northwestern University	96,636
SR01DE03487-13	Shockman, Gerald D	Temple University	126,789
2R01DE03578-13	Robyt, John F	Iowa State University of Science & Tech	102,850
2R01DE03601-11A2	Marek, Miroslav I	Georgia Institute of Technology	83,564
SR01DE03731-09	Mayer, Robert M	Ohio State University	71,730
SR01DE03739-12	Mooser, Gregory	University of Connecticut Health Center	124,829
SR01DE03758-10	Tanzer, Jason W	Forsyth Dental Center	180,888
SR01DE03915-11	May, Donald I	Forsyth Dental Center	148,687
2R01DE03917-09	Kashket, Shelby R	Forsyth Dental Center	98,645
3R09DE03936-05S3	Dirksen, Thomas R	U.S. PHS Public Advisory Groups	30,000x
3R09DE03936-05S4	Dirksen, Thomas R	U.S. PHS Public Advisory Groups	40,000
3R09DE03936-05S5	Dirksen, Thomas R	U.S. PHS Public Advisory Groups	15,000
3R09DE03936-05S6	Dirksen, Thomas R	U.S. PHS Public Advisory Groups	20,000
3R09DE03936-05S7	Dirksen, Thomas R	U.S. PHS Public Advisory Groups	38,950
SR01DE03965-10	Johnson, Lewis B, Jr	University of Virginia Charlottesville	0x
SR01DE04061-07	Evans, Richard T	State University of New York at Buffalo	0x
SR01DE04068-10	Fleiss, Joseph L	Columbia University	94,106
SR01DE04096-06	Langeland, Kaara	University of Connecticut Health Center	131,702
SR01DE04123-09	Le Geros, Racquel Z	New York University	0x
SR01DE04174-09	Knox, Kenneth W	Institute of Dental Research	0x
SR01DE04175-09	Micken, Anthony J	University of New South Wales	0x
SR01DE04192-09	Jordan, Truman H	Cornell College	101,874
SR01DE04217-10	Mc Ghee, Jerry R	University of Alabama in Birmingham	75,728
SR01DE04224-10	Macrina, Francis L	Virginia Commonwealth University	0x
SR01DE04230-09	Skobe, Ziedonis	Forsyth Dental Center	75,815
SR01DE04235-08	Thomas, Edwin L	St. Jude Children's Research Hospital	74,229
SR01DE04278-09	Couman, Richard A	University of Miami	136,965
SR01DE04296-10	Pollock, Jerry J	State University of New York Stony Brook	172,648
2R01DE04321-10	Mc Cabe, Mead M	University of Medicine & Dentistry of NJ	0x
SR01DE04335-06	Opderbeck, William R	American Dental Assn Health Fdn	93,638
SR01DE04385-09	Chow, Laurence C	Indiana Univ-Purdue Univ at Indianapolis	115,394
SR01DE04587-08	Allmann, David W		

xActive without FY84 funds.

xxPrior Year Award Obligations.

TABLE 66.-- LIST OF RESEARCH GRANTS, BY GRANT NUMBER, FY 1984

DC04

Caries & Restorative Materials

Type of Application and Grant Number	Principal Investigator	Institution	Funds Awarded
2R01DE0486-07	Nefel, James S	University of Iowa	96,643
5R01DE04516-06	Ryge, Gunnar	State University of New York at Buffalo	32,504
5R01DE04518-08	Levine, Michael J	Forsyth Dental Center	93,003
5R01DE04529-08	Hillman, Jeffrey D	University of Minnesota	104,774
5R01DE04614-08	Lillemark, William F	Northwestern University	87,517
5R01DE04704-06	Marshall, Sally J	Cornell College	34,337
5R01DE04705-05	Jordan, Truman H	Forsyth Dental Center	154,794
5R01DE04733-07	Taubman, Martin A	Louisiana State Univ Med Ctr New Orleans	45,916
5R01DE04749-05	Ramls, Henry R	University of Maryland at Baltimore	138,619
5R01DE04795-06	Minah, Glenn E	Gulf South Research Institute	140,323
5R01DE04814-05	Gottelman, Lawrence	University of Iowa	64,328
5R01DE04835-05	Clarkson, Brian H	University of Michigan at Ann Arbor	82,295
5R01DE04883-06	Asger, Kamal	University of Mississippi Medical Center	142,088
5R01DE04903-06	Byers, Benjamin R	University of Colorado Hlth Sciences Ctr	96,282
5R01DE04926-06	Mc Intire, Floyd C	State University of New York at Buffalo	99,985
5R01DE05017-06	Linzer, Rosemary	Loyola University Medical Center	205,402
5R01DE05027-06	Yotis, William W	American Dental Assn Health Fdn	89,420
5R01DE05030-06	Mathew, Mathai	New Jersey Institute of Technology	144,566
5R01DE05035-05	Kristol, David S	Forsyth Dental Center	60,415
5R01DE05067-06	Gron, Paul	University of Alabama in Birmingham	196,683
5R01DE05092-06	Butler, William T	University of Louisville	90,323
5R01DE05102-07	Boyle, Ronald J	American Dental Assn Health Fdn	0*
5R01DE05129-07	Bowen, Rafael L	Northwestern University	0*
5R01DE05141-03	Kuramitsu, Howard K	Temple University	0*
5R01DE05180-06	Daneo-Moore, Lolita	University of Colorado Hlth Sciences Ctr	0*
5R01DE05228-02	Acostopoloulos, A X	Forsyth Dental Center	0*
5R01DE05253-05	Brudevold, Finn	University of North Carolina Chapel Hill	0*
5R01DE05289-06	Bawden, James W	New York University	0*
5R01DE05311-03	Vaidyanathan, Tritala K	University of Illinois at Chicago	0*
5R01DE05323-03	Eisenmann, Dale R	American Dental Assn Health Fdn	0*
5R01DE05353-07	De Rijk, Waldemar G	American Dental Assn Health Fdn	0*
5R01DE05354-07	Chow, Laurence C	University of California Los Angeles	0*
5R01DE05375-02	Riviere, George R	University of Queensland	0*
5R01DE05423-05	Bull, Leonard C	University of Michigan at Ann Arbor	0*
5R01DE05427-03	O'Brien, William J	University of Louisville	0*
5R01DE05436-05	Scoat, Robert H	Stevens Institute of Technology	177,029
2R01DE03460-04A1	Ryan, Vivian W	University of California Berkeley	0*
5R01DE05462-03	Park, Joseph A	University of Pennsylvania	0*
5R01DE05476-04	Malamed, Daniel F	University of California San Diego	0*
5R23DE05501-03	Goodman, Murray	University of Minnesota	0*
5R01DE05510-03	Herzberg, Mark C	Eastman Dental Center	65,822
5R01DE05519-05	Curzon, Martin E	Temple University	0*
5R01DE05530-03	Baran, George R	University of Illinois at Chicago	0*
	Weber, Dennis F		

*Active without FY84 funds.
**Prior Year Award Obligations.

TABLE 66.-- LIST OF RESEARCH GRANTS, BY GRANT NUMBER, FY 1984

D004

Caries & Restorative Materials

Type of Application and Grant Number	Principal Investigator	Institution	Funds Awarded
2R01DE05886-04	Garant, Phyllis R	State University New York Stony Brook	72,311
5R01DE05396-03	Rauls, Henry R	Louisiana State Univ Med Ctr New Orleans	0*
2R01DE05605-04	Fives-Taylor, Paula M	Columbia University	162,925
2R01DE05606-04A1	Cerklewski, Florian L	University of Vermont & St Agric College	99,921
5R01DE05628-05	Avery, James K	Oregon State University	30,118
5R01DE05636-03	Draughn, Robert A	University of Michigan at Ann Arbor	0*
5R01DE05637-03	Germaine, Greg R	Medical University of South Carolina	0*
5R01DE05652-03	Slomiany, Bronislaw L	University of Minnesota at Mpls-St Paul	159,320
2R01DE05666-04	Falkner, William A Jr	New York Medical College	94,562
5R01DE05695-03	Stinson, Murray W	University of Maryland at Baltimore	164,073
2R01DE05696-04A1	Curzon, Martin E	State University of New York at Buffalo	0*
1R01DE05717-01A1	Clarkson, Brian H	Eastman Dental Center	99,897
5R01DE05739-03	Stashenko, Philip	University of Iowa	0*
5R01DE05747-03	Stanford, John W	Forsyth Dental Assn Health Fdn	141,508
5R01DE05761-05	Reith, Edward J	American Dental Assn	100,852
5R01DE05769-06	Simpson, Waits A	Temple University	0*
5R01DE05773-03	Deusch, Dan P	University of Tenn Center Health Scien	50,457
5R01DE05780-03	Devore, Dale P	Hebrew University of Jerusalem	0*
5R01DE05800-03	Eisenberg, Arthur D	University of Minnesota at Mpls-St Paul	0*
5R01DE05809-03	Phillips, Ralph W	Eastman Dental Center	77,007
5R01DE05839-02	Gibbs, S Julian	Indiana Univ-Purdue Univ at Indianapolis	77,085
5R01DE05843-03	Pujol, Alfonso, Jr	Vanderbilt University	41,749
5R01DE05849-03	Bayne, Stephen C	University of Tennessee Knoxville	0*
5R01DE05886-03	Tabak, Lawrence A	University of Mississippi Medical Center	27,001
5R23DE05893-03	Schrotenboer, Gordon H	State University of New York at Buffalo	0*
1R3DE05900-01A1	Clewell, Don B	American Dental Association	64,220
5R01DE05916-03	Moser, John B	University of Michigan at Ann Arbor	0*
5R01DE05923-02	Gorman, Randall M	Northwestern University	51,013
5R01DE05940-03	Stupp, Samuel I	Rensselaer Polytechnic Institute	44,302
5R01DE05943-03	Eick, J David	University of Illinois Urbana-Champaign	63,800
5R01DE05952-03	Maite, John H	University of Illinois Urbana-Champaign	73,144
2R01DE05956-04	Jacobson, Gary R	Oral Roberts University	71,950
5R01DE05966-03	Craig, James J	University of Connecticut Health Center	49,056
5R23DE05969-03	Craig, Robert G	Boston University	85,797
1R01DE05980-01A1	Selander, Robert K	University of Michigan at Ann Arbor	113,368
5R01DE06033-02	Burton, James A	University of Rochester	143,252
5R01DE06039-02	Bleiweis, Arnold S	University of Medicine & Dentistry of NJ	0*
5R01DE06048-02	Brown, Thomas A	Massachusetts General Hospital	83,215
5R01DE06051-03	Rosen, Barry P	University of Florida	52,313
5R23DE06068-03	Parks, Dennis	University of Alabama in Birmingham	72,736
1R01DE06071-01A1	Feigal, Robert J	University of Maryland at Baltimore	40,935
5R23DE06072-03		University of Louisville	99,375
5R01DE06082-02		Northwestern University	46,973
5R23DE06091-02		University of Minnesota at Mpls-St Paul	

*Active without FY84 funds.
 **Prior Year Award Obligations.

TABLE 66.-- LIST OF RESEARCH GRANTS, BY GRANT NUMBER, FY 1984
Caries & Restorative Materials

D004

Type of Application and Grant Number	Principal Investigator	Institution	Funds Awarded
5R01DE06105-02	Katz, Simon	Indiana Univ-Purdue Univ at Indianapolis	0*
1R13DE06111-01	Doyle, Ronald J	University of Louisville	90,956
5R01DE06112-04	Mertz-Fairhurst, Eva J	Medical College of Georgia	177,604
2R01DE06113-04	Whitford, Gary M	Medical College of Georgia	81,204
5R01DE06127-02	Marquis, Robert E	University of Rochester	106,956
5R01DE06153-03	Smith, Daniel J	Forsyth Dental Center	103,663
5R01DE06159-03	Schlesinger, David H	New York University	42,153
5R01DE06160-02	Berkowitz, Robert J	Case Western Reserve University	63,466
5R01DE06170-02	Kauls, Henry R	Louisiana State Univ Med Ctr New Orleans	52,637
5R01DE06179-02	Cabasso, Israel	State University of New York at Albany	52,463
5R23DE06222-03	Thibodeau, Edward A	University of Rochester	0*
1R03DE06266-01	Hackert, John R, Jr	Medical College of Georgia	0*
1R03DE06330-01	Greener, Evan H	Northwestern University	242,081
2R01DE06374-03	Booth, Sheldon J	University of Nebraska Medical Center	126,549
1R13DE06376-01	Fairhurst, Carl M	Medical College of Georgia	143,073
5R01DE06379-02	Moreno, Edward C	University of Rhode Island	73,862
5R01DE06395-02	Gratt, Barton M	University of California Los Angeles	113,729
5R01DE06402-02	Rosan, Burton	University of Pennsylvania	109,295
5R01DE06418-02	Clarkson, Brian H	University of Iowa	77,710
5R01DE06426-02	Leverett, Dennis H	Eastman Dental Center	80,900
5R01DE06427-03	Van Der Spiegel, Jan	University of Pennsylvania	9,574
5R01DE06429-03	Pashley, David H	Medical College of Georgia	10,338
5R01DE06437-02	Whitford, Gary M	Medical College of Georgia	10,893
5R03DE06438-02	Beck, James D	University of Georgia	5,356
1R03DE06446-01A1	Gabler, Walter L	Medical College of Georgia	7,150
1R03DE06456-01A1	Ranly, Don M	University of Iowa	0*
5R03DE06466-02	Gariapo, Davis A	University of Pennsylvania	0*
5R03DE06466-02	Ellis, Edward, III	University of Texas Health Sci Ctr San Ant	12,227
5R03DE06500-02	Relief, Daniel H	State University of New York at Buffalo	0*
5R03DE06501-01	Busch, Kenneth L	University of Michigan at Ann Arbor	117,514
5R01DE06539-02	Norman, Richard D	University of Alabama in Birmingham	111,360
5R01DE06552-03	Okabe, Toru	Indiana University Bloomington	97,005
5R01DE06555-02	Fox, Jeffrey L	Southern Illinois Univ at Edwardsville	0*
1R13DE06557-01A1	Di Rienzo, Joseph M	University of Illinois at Urbana	50,932
5R01DE06562-01A1	Featherstone, John D	University of Pennsylvania	83,604
5R01DE06563-02	Lemons, Jack E	Eastman Dental Center	164,344
5R01DE06564-03	Grenbowski, David E	University of Washington	130,734
5R01DE06584-03	Marshall, Grayson M	Northwestern University	24,283
5R01DE06599-01	Silverstone, Leon M	University of Colorado Hlth Sciences Ctr	74,354
1R03DE06600-01A1	Higuchi, William I	University of Utah	196,941
5R01DE06644-02	Norman, Richard D	University of Illinois at Urbana	0*
5R01DE06669-02	Rao, G Subba	Southern Illinois Univ at Edwardsville	0*
	Germaine, Greg R	American Dental Association	0*
	Curtiss, Roy, III	University of Minnesota	0*
		Washington University	0*

*Active without FY84 funds.
*Prior Year Award Obligations.

TABLE 66.-- LIST OF RESEARCH GRANTS, BY GRANT NUMBER, FY 1984

D004

Caries & Restorative Materials

Type of Application and Grant Number	Principal Investigator	Institution	Funds Awarded
5R01DE06672-02	Anusavice, Kenneth J	University of Florida	79,345
5R01DE06673-02	Curtiss, Roy, III	Washington University	153,658
1R03DE06675-01A1	Keller, John C	Medical University of South Carolina	10,643
1R03DE06677-01	Leeb, Irwin J	University of North Carolina Chapel Hill	11,094
1R03DE06678-01A1	Pazzuto, John M	University of Illinois at Chicago	23,235
1R03DE06679-01	Cox, Charles F	American Association for Dental Research	52,788
1R03DE06679-01A1	Weber, Dennis F	University of Illinois at Chicago	18,954
1R03DE06679-01A1	Lang, Brian R	University of Michigan at Ann Arbor	159,904
1R01DE06678-01	Levine, Martin	Eastern Dental Center	56,242
1R01DE06678-01	Russell, Michael M	University of Oklahoma Health Sciences Ctr	93,787
1R01DE06678-01	Chiu, Teh-Hsing	University of Alabama in Birmingham	71,314
1R01DE06678-01	Feagin, Frederick F	University of Pittsburgh	92,583
1R01DE06678-01	Douglas, William H	University of Alabama in Birmingham	96,409
1R01DE06678-01	Bauden, James M	University of Minnesota at Mpls-St Paul	175,712
1R01DE06678-01	Silverstein, Calvin C	University of North Carolina Chapel Hill	99,653
1R01DE06678-01	Curtiss, Roy, III	CCS Associates	202,982
1R01DE06678-01	Gantt, David G	Washington University	11,293
1R01DE06678-01	Rankine, Christopher A	University of Colorado Health Sciences Ctr	11,293
1R01DE06678-01	Gauvin-Burke, Mary C	University of Texas Health Sci Ctr San Ant	19,658
1R01DE06678-01	Heys, Donald R	University of Michigan at Ann Arbor	11,800
1R01DE06678-01	Hicks, M John	University of Michigan at Ann Arbor	17,973
1R01DE06678-01	Stumpf, Walter E	American Dental Association	24,315
1R01DE06678-01	Arnold, Roland R	University of Colorado Health Sciences Ctr	45,945
1R01DE06678-01	Hulbert, Samuel F	University of North Carolina Chapel Hill	31,740
1R01DE06678-01	Myers, Howard M	University of Pennsylvania	108,895
1R01DE06678-01	Feggin, Frederick F	University of North Carolina Chapel Hill	12,000
1R01DE06678-01	Crenshaw, Miles A	University of North Carolina Chapel Hill	48,261
1R01DE06678-01	Dao, My Lien	Emory University	5,820
1R01DE06678-01	Kuriyama, Masao	Rose-Hulman Institute of Technology	85,657
1R01DE06678-01	Greener, Evan H	University of California San Diego	72,825
1R01DE06678-01	Bowen, William H	University of Alabama in Birmingham	104,165
1R01DE06678-01	De Paola, Paul F	University of North Carolina Chapel Hill	15,000
1R01DE06678-01	Clarkson, Brian H	University of Oklahoma Health Sciences Ctr	115,919
1R01DE06678-01	Myers, David R	U.S. National Bureau of Standards	483,572
1R01DE06678-01	Morena, Robert	Northwestern University	415,306
1R01DE06678-01	Gumba, Ronald W	University of Rochester	392,789
1R01DE06678-01	Coykendall, Alan L	Forsyth Dental Center	18,760
1R01DE06678-01	Burton, James A	Medical College of Georgia	20,037
1R01DE06678-01	Smith, L Sheibart	Medical College of Georgia	41,520
1R01DE06678-01	Stitzel, Robert E	Gumms Associates	89,893
1R01DE06678-01	Taber, Harry W	University of Connecticut Health Center	185,267
5R09RG000005-04		University Hospital (Boston)	0K
5R09RG000005-04		Central State Univ (Milberforce, Oh)	0K
5R09RG000005-04		U.S. PHS Public Advisory Groups	0K
5R09RG000005-04		U.S. PHS Public Advisory Groups	75,000

*Active without FY84 funds.
*Prior Year Award Obligations.

TABLE 66.-- LIST OF RESEARCH GRANTS, BY GRANT NUMBER, FY 1984

D004

Caries & Restorative Materials

Type of Application and Grant Number	Principal Investigator	Institution	Funds Awarded
SR09RG06354-1151	Hogan, Edward L	U.S. PHS Public Advisory Groups	50,000
SR09RG12867-14	King, Jonathan	U.S. PHS Public Advisory Groups	8K
		Total for FY 1984 \$	15,987,587
		Active Grants	218

*Active without FY84 funds.
 **Prior Year Award Obligations.

TABLE 67.-- LIST OF RESEARCH GRANTS, BY GRANT NUMBER, FY 1984

D004

Periodontal & Soft Tissue Diseases

Type of Application and Grant Number	Principal Investigator	Institution	Funds Awarded
SR01DE02110-20	Schneyer, Charlotte A	University of Alabama in Birmingham	136,023
SR01DE02342-13	Meyer, Julia	University of Illinois at Chicago	96,633
SR01DE02847-16	Gibbons, Ronald J	Forsyth Dental Center	672,131
SR01DE03246-15	Caplow, Michael	University of North Carolina Chapel Hill	109,567
SR01DE03301-14	Page, Roy C	University of Washington	177,581
SR01DE03318-13	Schneir, Michael L	University of Southern California	129,671
SR01DE03348-09	Nisengard, Russell J	State University of New York at Buffalo	124,914
SR01DE03380-12	Taubman, Martin A	Forsyth Dental Center	117,125
SR01DE03420-12	Tanner, Anne C	Forsyth Dental Center	128,366
SR01DE03488-13	Young, Franklin A, Jr	Medical University of South Carolina	106,052
SR01DE03497-11	Anderson, Dwight L	University of Minnesota at Mpls-St Paul	0x
SR01DE03606-15	Azen, Edwin A	University of Wisconsin Madison	169,028
SR01DE03658-20	Sodickoff, Marvin	Temple University	142,586
SR01DE03666-08	Snyderman, Ralph J	Duke University	0x
SR01DE03738-12	Garant, Philip R	State University of New York Stony Brook	172,914
SR01DE03743-13	Marks, Sandy C, Jr	State University of Massachusetts Medical Sch	0x
SR01DE03818-09	Golub, Lorne M	State University of New York Stony Brook	298,107
SR01DE03987-10	Katiella, Joseph R	State University of New York at Buffalo	0x
SR01DE03991-08	Taichman, Norton S	University of Pennsylvania	0x
SR01DE03995-10	Vitteck, Jozef	New York Medical College	93,208
SR01DE04039-05	Dabbous, Mustafa K	University of Tennessee Health Scien	0x
SR01DE04125-06	Natiella, Joseph R	State University of New York at Buffalo	0x
SR01DE04226-08	Vogel, James J	State University of Texas Hlth Sci Ctr Houston	150,561
SR01DE04439-06	Riviere, George R	University of California Los Angeles	102,146
SR01DE04489-07	Taichman, Lorne B	State University of New York Stony Brook	46,932
SR01DE04511-09	Kahn, Arnold J	Washington University	167,229
SR01DE04629-08	Charon, Nyles W	West Virginia University	0x
SR01DE04645-07	Dale, Beverly A	University of Connecticut Health Center	0x
SR01DE04660-09	Coykendall, Alan L	University of New York at Buffalo	116,670
SR01DE04721-06	Coburn, Robert A	State University of Colorado Hlth Sciences Ctr	934,338
SR01DE04744-06	Quissell, David O	University of Alabama in Birmingham	68,850
SR01DE04778-06	Navia, Juan M	University of Alabama	136,709
SR01DE04862-06	Socransky, Sigmund S	Forsyth Dental Center	177,759
SR01DE04881-08	Nyman, Sture	Gothenburg University	122,148
SR01DE04890-06	Martinez, J Ricardo	University of Missouri Columbia	153,313
SR01DE04897-04A1	Genco, Robert J	University of New York at Buffalo	0x
SR01DE04961-06	Minkin, Cedric	State University of New York at Buffalo	0x
SR01DE04971-06	Levine, Michael J	State University of New York at Buffalo	287,233
SR01DE05049-03	Boeckle, Robert J	Medical University of South Carolina Ctr	75,477
SR01DE05050-03	Levine, Martin	University of Oklahoma Hlth Sciences	909,541
SR01DE05054-06	Ranney, Richard R	Virginia Commonwealth University	0x
SR01DE05104-03	Bandt, Carl L	University of Minnesota at Mpls-St Paul	0x
SR01DE05125-07	Holt, Stanley C	University of Massachusetts Amherst	0x
SR01DE05139-07	Ranney, Richard R	Virginia Commonwealth University	0x

xActive without FY84 funds.
xPrior Year Award Obligations.

TABLE 67.-- LIST OF RESEARCH GRANTS, BY GRANT NUMBER, FY 1984

D004

Periodontal & Soft Tissue Diseases

Type of Application and Grant Number	Principal Investigator	Institution	Funds Awarded
5R01DE05164-05	Johnson, Russell C	University of Minnesota of Mpls-St Paul	82,672
5R01DE05190-06	Mackenzie, Ian C	University of Iowa	115,746
5R01DE05229-05	Watson, Eileen L	University of Washington	115,691
5R01DE05225-05	Keller, Patricia J	University of Washington	149,772
5R01DE05252-05	Fine, Daniel H	Columbia University	206,279
5R01DE05252-06	Sakamoto, Seizaburo	Harvard University	0X
5R01DE05252-06	Cook, Stephen D	Tulane University of Louisiana	0X
5R01DE05292-03	Freund, Thomas S	Fairleigh Dickinson University Teaneck	0X
5R23DE05316-03	Shillito, Edward J	University of California San Francisco	0X
5R01DE05330-04	Patterson, Mark R	University of Connecticut Health Center	142,995
5R23DE05331-03	Goodson, Jo Max	Forsyth Dental Center	95,191
5R01DE05334-04A1	Mackenzie, Ian C	University of Iowa	136,303
5R01DE05393-05	Teitelbaum, Steven L	Jewish Hospital of St. Louis	86,297
5R01DE05413-05	Brunski, John B	Kennel-Polytechnic Institute	107,596
5R01DE05418-05	Clark, William B	University of California Riverside	68,837
5R01DE05429-06	Luben, Richard A	University of California San Francisco	77,911
5R01DE05467-03	Pabst, Michael J	National Jewish Hosp & Res Ctr-Nat'l Ast	0X
5R01DE05496-05	Park, Byung H	Children's Hospital (Buffalo)	25,227X
5R01DE05505-05	Sutter, Vera L	University of California Los Angeles	98,556
5R01DE05560-03	Schmittman, Paul A	Harvard University	64,791
5R01DE05563-04S1	Schmittman, Paul A	University of Denver	135,164
5R01DE05563-04S2	Reusch, Victor M, Jr	University of Connecticut Health Center	59,640
5R01DE05597-03	Kornman, Kenneth S	State University of New York at Buffalo	123,839
5R23DE05599-03	Hausmann, Ernest	Virginia Commonwealth University	0X
5R01DE05623-03	Schinkel, Harvey A	University of Connecticut Health Center	271,382
5R01DE05626-04	Cutler, Leslie S	Georgetown University	135,927
5R01DE05632-04A1	Hawley, Robert J	University of Pennsylvania	0X
5R01DE05634-03	Hammond, Benjamin F	Boston University	0X
5R01DE05640-04	Oppenheim, Frank G	University of Illinois Urbana-Champaign	0X
5R01DE05672-02	Siegel, Ivens A	Indiana Univ-Purdue Univ at Indianapolis	0X
5R01DE05678-03	Bixler, David	University of Connecticut Health Center	0X
5R01DE05684-03	Kornman, Kenneth S	University of Michigan at Ann Arbor	0X
5R01DE05684-03	Lopatin, Dennis E	University of Pittsburgh	0X
5R01DE05706-03	Baker, John J	University of Mississippi Medical Center	0X
5R01DE05729-03	Reed, Michael J	University of Connecticut Health Center	123,102
5R23DE05749-03	Cutler, Leslie S	University of Connecticut Health Center	103,393
5R01DE05766-03	Putney, James M, Jr	Temple University	0X
5R01DE05766-03	Aleo, Joseph J	Columbia University	0X
5R23DE05771-03	Stuchall, Robert M	Case Western Reserve University	49,231
5R23DE05789-03	Goldstine, Steven M	Northwestern University	180,931
5R23DE05793-03	Halseth, Donald L, Jr	University of Alabama in Birmingham	0X
5R01DE05817-04	Birkedal-Hansen, Henning	University of California Los Angeles	0X
5R23DE05883-03	Turley, Patrick K	Columbia University	0X
5R23DE05887-03	Kanen, Paul R	Columbia University	0X

XActive without FY84 funds.
 XEPrior Year Award Obligations.

TABLE 67.-- LIST OF RESEARCH GRANTS, BY GRANT NUMBER, FY 1984

D004

Periodontal & Soft Tissue Diseases

Type of Application and Grant Number	Principal Investigator	Institution	Funds Awarded
5R01DE05890-03	Lozada, Francina	University of California San Francisco	91,177
5R23DE05929-03	Burns, James C	Virginia Commonwealth University	55,137
5R01DE05932-04	Boyan-Salyers, Barbara D	University of Texas Hlth Sci Ctr San Ant	101,484
5R23DE05955-03	Lamster, Ira B	Fairleigh Dickinson University Teaneck	56,033
5R23DE05967-03	Offenbacher, Steven	Emory University	0x
5R01DE05978-02	Alam, Syed Q	Louisiana State Univ Med Ctr New Orleans	52,027
1R01DE05990-01A1	Bridges, Raymond B	University of Kentucky	157,231
5R01DE05991-04	Birdsell, Dale C	University of Washington	98,816
5R01DE05999-02	Alvares, Olaf F	University of Texas Hlth Sci Ctr San Ant	0x
5R01DE06000-04	Johnson, Doretha A	University of Texas Hlth Sci Ctr San Ant	74,129
5R01DE06007-02	Miller, Scott C	University of Utah	63,860
5R01DE06008-03	Hurley, Thomas W	University of Missouri Columbia	47,448
5R23DE06014-03	Shenker, Dennis F	University of Pennsylvania	57,618
5R23DE06023-02	Mangan, Dennis F	University of Michigan at Ann Arbor	0x
1R01DE06028-01A1	Birkedal-Hansen, J	University of Alabama in Birmingham	130,736
5R01DE06030-03	Loesche, Patricia J	University of Michigan at Ann Arbor	215,390
5R23DE06033-03	Kriebbe, Gary B	University of Washington	47,346
5R01DE06065-04	Schneider, Gary B	Loyola University Medical Center	68,456
5R23DE06066-02	Cox, Donald S	State University of New York Stony Brook	49,947
5R01DE06070-03	Walker, Clay B	University of Florida	0x
5R01DE06076-02	Listgarten, Max A	Temple University	75,189
5R01DE06085-02	Shillito, Edward J	University of Pennsylvania	145,430
1R01DE06097-01	Kaldahl, Wayne B	University of California San Francisco	0x
5R01DE06103-02	Dowd, Frank J	University of Nebraska Lincoln	122,582
1R01DE06115-01	Mackenzie, Ian C	Creighton University	84,865
5R01DE06120-03	Pietrzyk, Donald J	University of Iowa	75,463
1R01DE06128-01	Hurley, Thomas M	University of Missouri Columbia	27,194
5R23DE06130-03	Gangarosa, Louis P, Sr	Medical College of Georgia	47,800
5R01DE06136-02	Garnick, Jerry J	State University of New York Stony Brook	62,078
5R01DE06137-02	Cho, Moon I	Medical College of Georgia	103,069
5R01DE06165-02	Anderson, Leigh C	State University of Washington	48,668
1R23DE06178-01A1	Walker, Clay B	University of Washington	95,146
5R01DE06179-02	Schneyer, Charlotte A	University of Alabama in Birmingham	86,668
5R23DE06215-03	Loughon, Barbara E	University of Florida	58,615
5R23DE06230-03	Caradonna, Salvatore J	Johns Hopkins University	36,613
5R01DE06231-02	McArthur, William P	Louisiana State Univ Med Ctr New Orleans	101,190
7R01DE06239-01	Schuster, George S	Medical College of Georgia	0x
5R03DE06240-02	Bolton, Ronald M	University of Nebraska Lincoln	83,759
5R01DE06250-02	Bowers, Gerald M	University of Maryland at Baltimore	0x
5R03DE06260-02	Koski, Carol L	University of Maryland at Baltimore	0x
5R03DE06292-02	Aukhil, Ikramuddin	University of North Carolina Chapel Hill	0x
2R01DE06300-02	Spector, Myron	Emory University	0x
1R03DE06307-01	Meyer, Julia	University of Illinois at Chicago	0x

xActive without FY86 funds.
 xxPrior Year Award Obligations.

TABLE 67.--- LIST OF RESEARCH GRANTS, BY GRANT NUMBER, FY 1984

D004

Periodontal & Soft Tissue Diseases		Funds	
Type of Application and Grant Number	Principal Investigator	Institution	Awarded
5R03DE06313-02	Greer, Robert G	University of Colorado Hlth Sciences Ctr	0x
5R03DE06323-02	Gossling, Jennifer	Washington University	0x
5R03DE06339-02	Cox, Donald S	State University New York Stony Brook	9,286
5R03DE06354-02	Clark, William B	University of Florida	0x
1R03DE06356-01	Humphreys-Beher, Michael G	Purdue University West Lafayette	0x
5R03DE06364-02	Gregory, Stephen H	Marquette University	8,977
5R01DE06373-02	Izutsu, Kenneth T	University of Washington	100,204
7R23DE06435-01	Park, Mo Hee	Harvard University	52,150
5R23DE06436-03	Van Dyke, Thomas E	Emory University	0x
1R03DE06440-01	Miller, Susan C	University of Minnesota of Mnpls-St Paul	9,016
5R03DE06453-02	Krywolak, George N	University of Maryland at Baltimore	0x
1R03DE06468-01	Gerson, Stanley J	University of Illinois at Chicago	0x
1R03DE06472-01	Walsh, Margaret M	University of California San Francisco	0x
5R03DE06475-02	Barnett, John M	University of Mississippi Medical Center	8,096
1R03DE06487-01	Izutsu, Kenneth T	University of Washington	0x
1R03DE06489-01A1	Klein, Robert M	University of Kansas Col Hlth Sci & Hosp	20,790
1R13DE06504-01	Melcher, Anthony H	Gordon Research Conference	6,270
5R03DE06505-02	Buchanan, Judith A	University of Mississippi Medical Center	91,491
5R01DE06511-02	Harper, Jeffrey F	University of Texas Hlth Sci Ctr Houston	181,815
5R01DE06514-03	Genco, Robert J	State University of New York at Buffalo	108,475
5R01DE06516-02	Peterson, Douglas E	University of Maryland at Baltimore	54,375
1R23DE06524-01A1	Allen, Carl M	Ohio State University	76,326
5R01DE06541-02	Maguire, James H	University of North Carolina Chapel Hill	21,750
1R03DE06546-01A1	Docherty, John J	Pennsylvania State University Park	182,777
1R01DE06551-01A1	Cogen, Ronald B	University of Alabama in Birmingham	89,321
5R01DE06556-02	Talser, Alvin G	Northwestern University	21,000
1R03DE06572-01A1	Nair, Cherukantath M	Medical College of Georgia	10,357
5R03DE06575-02	Gentry, Glenn A	University of Michigan at Ann Arbor	0x
1R03DE06582-01	Kim, Sun-Kee	Georgetown University	10,560
5R03DE06586-02	Cihlar, Ronald L	University of Southern California	10,290
1R03DE06604-01	Lipson, Loren G	University of Florida	0x
5R03DE06605-02	McArthur, William F	University of North Carolina Chapel Hill	74,617
1R03DE06616-01	Mechanic, Gerald L	University of California San Francisco	91,813
1R01DE06622-01A1	Hussain, M Z	University of Texas Hlth Sci Ctr San Ant	51,714
5R01DE06624-02	Jacobs, John W	State University of New York at Buffalo	124,869
5R23DE06640-02	Wilson, Mark E	Dartmouth College	76,608
5R01DE06643-02	Fanger, David	University of Washington	123,536
5R01DE06645-02	Hassell, Thomas M	University of Maryland at Baltimore	19,590
5R01DE06671-02	Green, T L	University of California San Francisco	6,426
1R03DE06680-01A1	Ryder, Mark I	Forsyth Dental Center	51,889
5R03DE06681-02	Mandell, Robert L	University of Utah	0x
5R23DE06683-03	Freeman, Donna J	University of Illinois at Chicago	0x
1R03DE06689-01	Meyer, Julia		
1R03DE06701-01			

*Active without FY84 funds.

*Prior Year Award Obligations.

TABLE 67.-- LIST OF RESEARCH GRANTS, BY GRANT NUMBER, FY 1984

Periodontal & Soft Tissue Diseases

Type of Application and Grant Number	Principal Investigator	Institution	Funds Awarded
5R03DE06706-02	Molinsky, Lawrence E	University of California Los Angeles	10,725 0*
1R03DE06715-01	Blake, Daniel J	University of Alabama in Birmingham	70,521
1R01DE06730-01	Brunette, Donald M	University of British Columbia	70,812
1R01DE06744-01	Gabriel, Othmar	Georgetown University	51,937
1R23DE06757-01	Miyasaki, Kenneth T	State University of New York at Buffalo	49,964
1R23DE06766-01	Aukhil, Ikramuddin	University of North Carolina Chapel Hill	247,553
2R44DE06779-02	Captain, Khushroo	Foster-Miller, Inc.	50,800
1R43DE06788-01A1	Boger, Guy F	Medipacific Corporation	23,835
1R3DE06798-01	Klein, Richard J	New York University	34,458
1R3DE06800-01	Rosan, Burton	University of Pennsylvania	15,000
1R3DE06804-01	Pitaru, Sandu	Tel Aviv University	55,757
1R23DE06832-01	Kiel, Robert A	University of Connecticut Health Center	138,168
1R01DE06860-01	Rutherford, R Bruce	University of Connecticut Health Center	166,422
1R01DE06864-01	Haber, Jerome	Tufts University	89,896
1R01DE06866-01	Williams, Marshall V	Ohio State University	106,930
1R01DE06880-01	Chen, Priscilla B	State University of New York at Buffalo	120,604
1R01DE06886-01	Syftestad, Glenn T	Case Western Reserve University	91,181
1R01DE06888-01	Denny, Paul C	University of Southern California	78,993
1R01DE06892-01	Alam, Syad Q	Louisiana State Univ Med Ctr New Orleans	0*
1R01DE06893-01	Lewis, Raymond J	Neushtul Mariculture, Inc.	23,205
1R43DE06899-01	Moore, Condit	University of Louisville	0*
1R03DE06903-01	Senseman, David M	University of Texas San Antonio	48,108
7R01DE06904-01	Yu, Jia-Huey	Georgetown University	19,030
5R01DE06913-01	Lantz, Marilyn S	University of Connecticut Health Center	28,500
1R3DE06925-01A1	Dunston, Georgia M	Howard Biomedical Corporation	49,982
1R43DE06932-01	Kung, Robert T	University of California San Francisco	44,695
5R23DE06945-02	Murray, Patricia A	University of California at Ann Arbor	161,371
1R01DE06953-01	Svanberg, Gunnar K	University of Michigan at Ann Arbor	132,828
1R01DE06970-01	Tabak, Laurence A	State University of New York at Buffalo	55,535
5R23DE06976-02	Mangan, Dennis F	University of Rochester	149,484
1R01DE06977-01	Lillie, John H	University of Michigan at Ann Arbor	73,978
1R01DE06991-01	Dowd, Frank J	Creighton University	21,500 0*
1R03DE07003-01	Hirtz, George H	West Virginia University	56,028
1R01DE07007-01	Shillitoe, Edward J	University of Texas Hlth Sci Ctr Houston	22,065
5R01DE07008-02	Shillitoe, Edward J	University of Texas Hlth Sci Ctr Houston	43,761
1R3DE07015-01	Linker, Richard W	New York University	12,288
1R43DE07022-01	Baker, Henry M	Membrane Technology and Research, Inc	21,240
1R3DE07026-01	Mallek, Henry M	Georgetown University	155,535
1R3DE07066-01	Aukhil, Ikramuddin	University of North Carolina Chapel Hill	90,590
1R01DE07128-01	Kornman, Kenneth S	University of Texas Hlth Sci Ctr San Ant	32,015
1R01DE07168-01	Cihlar, Ronald L	Georgetown University	66,048
7R23DE07256-01	Lantz, Marilyn S	University of Alabama in Birmingham	
7R01DE07267-01	Holt, Stanley C	University of Texas Hlth Sci Ctr San Ant	

*Active without FY84 funds.
*Prior Year Award Obligations.

TABLE 67.-- LIST OF RESEARCH GRANTS, BY GRANT NUMBER, FY 1984

D004

Periodontal & Soft Tissue Diseases			
Type of Application and Grant Number	Principal Investigator	Institution	Funds Awarded
			Total for FY 1984 \$ 16,597,442
			Active Grants 218

*Active without FY84 funds.
*Prior Year Award Obligations.

TABLE 68.-- LIST OF RESEARCH GRANTS, BY GRANT NUMBER, FY 1984
Craniofacial Anomalies & Pain Contr.

Type of Application and Grant Number	Principal Investigator	Institution	Funds Awarded
5R01DE01497-22	Forrest, Edward J	University of Pittsburgh	526,583
5R01DE02103-20	Uriat, Marshall R	University of California Los Angeles	217,822
5R01DE02174-16	Brinkley, Linda L	University of Michigan at Ann Arbor	83,768
5R01DE02848-14	Slavkin, Harold C	University of Southern California	324,023
5R01DE02862-17	Richardson, Elissa R	McHerry Medical College	128,999
5R01DE02872-15	Adams, Howard	University of Illinois at Chicago	284,118
5R01DE02873-15	Moorrees, Coenraad F	Forsyth Dental Center	117,861
5R01DE02983-13	Li, Shu-fung	University of Connecticut Health Center	0M
5R01DE03345-10	Burstone, Charles J	University of Connecticut Health Center	352,783
5R01DE03358-10	McCarthy, Joseph G	University of Connecticut Health Center	143,326
5R01DE03358-09	Baumann, Sheldon	New York University	351,328
2R01DE03358-10	Moyers, Robert E	University of California San Francisco	0M
2R01DE03358-10	Davids, Zeve	University of Michigan at Ann Arbor	0M
5R01DE03361-10	Hamlet, Sandra L	University of Pennsylvania	135,607
5R01DE03361-09	Baumann, Sheldon	University of California San Francisco	0M
5R01DE03370-08	Rossomando, Edward F	University of Connecticut Health Center	0M
5R01DE03371-08	Bell, William F	University of Connecticut Health Center	220,405
5R01DE03371-08	Kegeles, S Stephen	University of Texas Mth Sci Ctr Dallas	197,588
5R01DE03371-11	Burstone, Charles J	University of Connecticut Health Center	123,642
5R01DE03368-09	Caplan, Arnold I	University of Connecticut Health Center	0M
2R01DE03368-10	Weinstein, Sam	Case Western Reserve University	66,392
5R01DE04008-10	Koron, Andrew, III	University of Connecticut Health Center	129,558
5R01DE04008-05	Boskey, Adele L	Hospital for Special Surgery	0M
2R01DE04136-10	Gibbs, Charles H	University of Florida	43,533
2R01DE04161-10	Muhl, Zane F	University of Illinois at Chicago	95,072
5R01DE04164-07	Goldberg, Louis J	University of California Los Angeles	93,459
5R01DE04166-15	Mc Namara, James A, Jr	University of Michigan at Ann Arbor	126,476
5R01DE04227-10	Heston, James A	University of Oregon	129,150
5R01DE04316-08	Rodan, Gideon A	University of Connecticut Health Center	157,856
5R01DE04327-09	Schraer, Harold	Pennsylvania State University Park	100,481
5R01DE04345-09	Gale, Elliot N	State University of New York at Buffalo	93,393
5R01DE04358-08	Corah, Norman L	State University of New York at Buffalo	115,266
5R01DE04394-07	Hylander, William L	Duke University	216,057
5R01DE04394-07	Goldman, Allen S	Children's Hospital of Philadelphia	149,352
5R01DE04622-08	Baron, Roland E	Yale University	0M
5R01DE04724-06	Minkoff, Robert	University of North Carolina Chapel Hill	78,799
5R01DE04731-06	Sessle, Barry J	University of Toronto	0M
5R01DE04846-07	King, Gregory J	University of Florida	0M
5R01DE04859-05	Tyler, Mary S	University of Maine at Orono	0M
5R01DE04859-05	Mc Call, Willard D, Jr	State University of New York at Buffalo	0M
5R01DE04859-06	Miller, Arthur J	University of California San Francisco	74,322
5R01DE04948-06	Hestrum, Lesnick E	University of Washington	71,472
5R01DE04948-06	Denny, Paul C	University of Southern California	0M
5R01DE04978-06	Schwartz, Stephen A	University of Chicago	0M

*Active without FY84 funds.

**Prior Year Award Obligations.

TABLE 68.-- LIST OF RESEARCH GRANTS, BY GRANT NUMBER, FY 1984
Craniofacial Anomalies & Pain Contr.

Type of Application and Grant Number	Principal Investigator	Institution	Funds Awarded
5R01DE05008-06	Gasser, David L	University of Pennsylvania	132,226
5R01DE05024-06	Iorio, Robert J	Marquette University	67,064
5R01DE05041-06	Goldman, Allen S	Children's Hospital of Philadelphia	179,840
5R01DE05078-06	Enlow, Donald H	Case Western Reserve University	0x
5R01DE05109-03	Simmons, David J	Washington University	0x
5R01DE05130-05	Bonice, John J	University of Washington	390,241
5R01DE05145-03	Moss, Melvin L	Columbia University	81,150
5R01DE05159-06	Byers, Margaret R	University of North Carolina Chapel Hill	0x
5R01DE05198-06	Proffit, William R	Northwestern University	0x
5R01DE05204-05	Rosenfeld, Joel P	University of Kansas Col Hlth Sci & Hosp	82,007
5R01DE05209-05	Jilka, Robert L	University of North Carolina Chapel Hill	126,168
5R01DE05210-05	Toverud, Svein U	University of North Carolina Chapel Hill	87,966
5R01DE05215-06	Proffit, William R	University of Michigan at Ann Arbor	79,875
5R01DE05232-06	Carlson, David S	University of Kansas Col Hlth Sci & Hosp	118,726
5R01DE05262-05	Anderson, Harrison C	University of Florida	0x
5R01DE05305-04A1	Melamed, Barbara G	American Dental Assn Health Fdn	143,275
5R01DE05307-04	Graber, Thomas M	University of Connecticut Health Center	0x
5R01DE05321-05	Goldberg, A Jon	University of Michigan at Ann Arbor	148,879
5R01DE05322-03	Erickson, Robert P	University of California San Francisco	184,988
5R01DE05369-06	Levine, Jon V	University of Washington	0x
5R01DE05379-04	Moffett, William K	University of California Los Angeles	114,659
5R01DE05381-03	Solberg, Ravindra	University of Connecticut Health Center	0x
5R01DE05396-04A1	Nanda, George	University of California San Francisco	25,485
5R01DE05397-03	Chierici, George	University of Toronto	63,998
5R01DE05404-06	Dostrovsky, Jonathan O	University of Michigan at Ann Arbor	0x
5R01DE05410-05	Bookstein, Fred L	University of Southern California	0x
5R01DE05440-03	Meinick, Michael	Case Western Reserve University	0x
5R01DE05487-03	Klein, Leroy T	University of Connecticut Health Center	0x
5R23DE05497-03	Raisine, Susan I	Harvard University	103,392
5R23DE05507-03	Moore, Paul A	Thomas Jefferson University	0x
5R23DE05550-04	Greene, Robert M	University of New Mexico Albuquerque	188,462
5R01DE05555-03	Waterman, Robert E	University of California San Francisco	100,635
5R01DE05558-04	Miller, Arthur J	Case Western Reserve University	0x
5R01DE05574-04	Alley, Keith E	Case Western Reserve Univ of Mpls-St Paul	121,697
5R01DE05582-03	Leonard, Myer S	University of Minnesota	264,679
5R01DE05616-06	Meier, Stephen P	University of Texas Austin	0x
5R01DE05622-03A1	Sadowsky, Donald	Yeshiva University	87,869
5R23DE05627-03	Cederquist, K Robert	Case Western Reserve University	68,012
5R01DE05630-04	Erickson, Carol A	University of California Davis	52,461
5R01DE05639-03	Delfino, John J	Washington University	0x
5R01DE05659-04	Potter, Rosario H	Indiana Univ-Purdue Univ at Indianapolis	0x
5R01DE05679-02	Laskin, Daniel M	University of Illinois at Chicago	0x
5R01DE05690-03	Lablond, Charles P	Mc Gill University	0x
5R01DE05698-03	Phillips, Ceib L	University of North Carolina Chapel Hill	0x

Active without FY86 funds.
xPrior Year Award Obligations.

TABLE 68.-- LIST OF RESEARCH GRANTS, BY GRANT NUMBER, FY 1984
Craniofacial Anomalies & Pain Contr.

D004

Type of Application and Grant Number	Principal Investigator	Institution	Funds Awarded
5R01DE05728-03	Bradley, Robert M	University of Michigan at Ann Arbor	0x
5R23DE05735-03	Burk, Dorothy T	University of the Pacific	90,631
2R01DE05738-04	Crompton, Alfred H	Harvard University	72,602
2R01DE05748-04	Kiyak, H Asuman	University of Washington	0x
5R01DE05758-03	Potter, Rosario H	Indiana Univ-Purdue Univ at Indianapolis	0x
5R01DE05771-03	Ingersoll, Barbara D	Indiana Univ-Purdue Univ at Indianapolis	69,572
5R23DE05799-02	Mayler, Alan M	West Virginia University	0x
5R23DE05827-03	Dom, Richard M	Harvard University of South Carolina	702,047
5R01DE05832-03	Morris, Hughlett L	Medical University of Iowa	248,948
5R01DE05837-04	Toole, Bryan P	University of Iowa	0x
5R01DE05858-03	Filewich, Robert J	Temple University	63,233
5R23DE05868-03	Krogman, Robert E	H. K. Cooper Clinic	118,230
5R01DE05881-03	Waterman, Arthur C	University of New Mexico Albuquerque	59,659
5R01DE05895-03	Browning, Susan M	Oregon Health Sciences University	0x
5R23DE05906-02	Sulik, Kathleen K	University of Illinois at Chicago	103,845
5R01DE05913-03	Mainstein, Philip	University of North Carolina Chapel Hill	0x
5R01DE05937-04	Marcum, Louis G	University of Washington	103,941
2R01DE05942-03	Boyan-Salyers, Barbara D	University of Washington	0x
5R23DE05985-03	Long, Ross E, Jr	University of Texas	99,111x
5R01DE05989-03	Watson, Ann Y	H. K. Cooper Clinic	163,304
5R01DE05996-03	Dohrenwend, Bruce P	Harvard University	38,776
5R23DE06027-03	Marks, Sandy C, Jr	Columbia University	0x
5R23DE06032-01	Capra, Norman F	University of Massachusetts Medical Sch	59,300
5R23DE06040-03	Mandella, Leslie S	University of Mississippi Health Center	130,920
5R01DE06069-02	Levin, Carl F	University of Connecticut Health Teanck	88,401
5R01DE06093-01A1	Marfurt, Robert P	Fairleigh Dickinson University	79,921
5R23DE06108-03	Blaustein, David J	University of Hawaii at Manoa	54,969
5R23DE06133-01	Albino, Judith E	Pennsylvania State Univ at Ann Arbor	0x
5R01DE06154-02	Aker, Franklin D	University of Illinois at Chicago	115,831
5R23DE06157-02	Chandler, Scott H	University of Virginia Charlottesville	58,485
5R01DE06196-01A1	Reddy, Charles S	State University of New York at Buffalo	50,113
5R23DE06207-02	Schubot, David B	Temple University	51,180
5R23DE06208-01A2	Chapko, Michael K	University of California Los Angeles	50,922
5R01DE06216-02	Johnston, Samuel F	Ohio State University	91,799
5R01DE06225-02	Shur, Barry D	University of Washington	98,512
5R23DE06243-02	Nichols, David H	University of Connecticut Health Center	29,539
		Creighton University	67,716

xActive without FY84 funds.
xxPrior Year Award Obligations.

TABLE 68.-- LIST OF RESEARCH GRANTS, BY GRANT NUMBER, FY 1984
Craniofacial Anomalies & Pain Contr.

D064

Type of Application and Grant Number	Principal Investigator	Institution	Funds Awarded
1R03DE06263-01A2	Tanzer, Francis S	University of Tenn Center Health Scien	21,300
1R03DE06264-01A2	Kleinknecht, Ronald A	Western Washington University	21,750
1R03DE06275-01A2	Paulson, Ruth B	Ohio State University	13,630
5R03DE06275-02	Coffey, James C, Jr	University of North Carolina Chapel Hill	9,788
5R03DE06279-02	Druzinsky, Robert E	University of Illinois at Chicago	42,233
5R03DE06294-03	Hirschman, Richard E	University of Illinois at Kent	0x
1R03DE06295-01	Thompson, Martha	Kent State University	11,509
1R03DE06298-02	Kollar, Edward J	Oregon Health Sciences University	0x
1R03DE06335-01	Peterson, Cynthia M	University of Connecticut Health Center	0x
1R03DE06337-01	Burke, David H	University of Connecticut Storrs	0x
1R03DE06357-01	Marino, Andrew A	Marquette University	95,849
1R03DE06397-02	Greene, Robert M	Louisiana State Univ Med Ctr Shreveport	97,119
1R01DE06417-01A1	Gettleman, Lawrence	Thomas Jefferson University	92,291
5R01DE06420-02	Heinze, Ernest L	Gulf South Research Institute	44,857
1R01DE06425-01A2	Slavkin, Harold C	University of Washington	130,093
5R23DE06468-02	Niederman, Richard	Tufts University	23,480
1R03DE06476-01	Dessen, Dean A	University of Southern California	0x
1R03DE06485-02	Stott, Paulina J	Massachusetts General Hospital	49,476
1R03DE06491-01A1	Chen, Hsien-Jen	University of Illinois at Chicago	10,366
1R01DE06521-01	Croog, Sydney H	University of Illinois at Chicago	0x
5R23DE06522-02	Boyer, E Marcia	University of Texas Hlth Sci Ctr Houston	0x
1R13DE06526-01	Montgomery, Edward H	St. Joseph's Hosp/Med Ctr (Phoenix)	48,016
5R01DE06528-02	Rhoades, Robert M	University of Connecticut Health Center	0x
5R01DE06533-02	Golub, Ellis E	University of Iowa	113,028
1R23DE06546-01A1	Moss, Robert A	American Association for Dental Research	116,716
5R01DE06553-02	Chapenik, Kenneth P	University of Med & Dent-Rutgers Med Sch	45,114
5R23DE06554-02	Gusick, Catherine G	University of Pennsylvania	113,105
5R01DE06560-02	Klapac, Donald H	University of Mississippi	55,223
1R03DE06565-01A1	Enlow, Donald H	Thomas Jefferson University	0x
2R01DE06570-03	Pertschuk, Michael J	Vanderbilt University	0x
1R03DE06577-01	Whitson, S William	Florida State University	115,196
2R01DE06585-02	Turner, Dennis F	Case Western Reserve University	0x
1R23DE06618-01A1	Hastbury, John Rush	Graduate Hospital	85,604
5R01DE06632-02	Noden, Drew M	Southern Illinois Univ at Edwardsville	48,654
1R01DE06634-01A1	Furnas, David H	University of Michigan at Ann Arbor	71,967
5R01DE06635-02	Bail, William D	University of North Carolina Chapel Hill	84,046
1R01DE06638-01A1	Kapur, Krishan K	Cornell University Ithaca	115,083
5R01DE06656-02	Mc Caul, Kevin D	University of California Irvine	32,457
5R01DE06665-02	Clark, Glenn T	U.S. Vets Admin Med Ctr (Sepulveda, Ca)	67,296
5R01DE06682-02	Beitz, Alvin J	North Dakota State University	82,209
1R03DE06690-01A1	Endicott, James N	University of California Los Angeles	44,997
5R03DE06692-02	Mueller, Gregory P	University of Minnesota	20,400
		University of South Florida	5,000
		U.S. Uniformed Services Univ of Hlth Sci	

xActive without FY86 funds.
xPrior Year Award obligations.

TABLE 68.-- LIST OF RESEARCH GRANTS, BY GRANT NUMBER, FY 1984
Craniofacial Anomalies & Pain Contr.

D004

Type of Application and Grant Number	Principal Investigator	Institution	Funds Awarded
1R01DE06725-01	Falls, William M	Michigan State University	76,211
1R23DE06739-01	Prince, Charles M	University of Alabama in Birmingham	50,116
1R23DE06763-01	Anderson, Richard E	University of Utah	53,025
1R03DE06793-01	Mackenzie, Richard S	University of Florida	22,313
1R03DE06799-01	Leonard, Rebecca J	University of California Davis	11,628
1R03DE06813-01	Midalm, Sven-Erik	University of Michigan at Ann Arbor	20,934
1R03DE06816-01	Nikolai, Robert J	St. Louis University	7,831
1R03DE06817-01A1	Burstone, Charles J	University of Connecticut Health Center	10,562
1R03DE06818-01	Zapka, Jane M	University of Massachusetts Amherst	21,049
1R03DE06819-01	Sadowsky, Cyril	University of Illinois at Chicago	15,600
1R03DE06821-01A1	Talley, Deanna J	Marquette University	7,976
1R03DE06825-01	Bradley, Robert M	University of Michigan at Ann Arbor	11,808
7R23DE06829-01	Stedman, Hazel M	University of Denver	84,123
1R01DE06838-01	Coffey, James C, Jr	University of North Carolina Chapel Hill	41,869
5R23DE06849-02	Bertolami, Charles N	Massachusetts General Hospital	175,558
1R01DE06852-01	Zeichner-David, Margarita	University of Southern California	99,816
1R01DE06856-01	Gay, Thomas H	University of Connecticut Health Center	54,029
1R23DE06865-01	Cipras, Monica H	University of Connecticut Health Center	55,792
1R23DE06874-01	Ellis, Edward, III	University of Michigan at Ann Arbor	100,030
5R01DE06881-02	Vio, Peter S	University of Michigan at Ann Arbor	194,503
1R01DE06895-01	Scheirer, Mary A	Westat, Inc.	20,922
7R01DE06898-01	Lendis, William J	Children's Hospital (Boston) Ctr Houston	25,500
1R03DE06901-01	Gatchel, Robert J	University of Medicine & Dentistry of NJ	16,238
1R03DE06902-01	Heiner, Saul	University of Medicine & Dentistry of NJ	44,774
1R03DE06907-01	Block, Michael S	Louisiana State Univ Med Ctr New Orleans	153,072
5R23DE06909-02	Babler, William J	Baylor College of Dentistry	20,969
7R01DE06923-01	Davidovitch, Zeev	Ohio State University	20,735
1R03DE06927-01	Ricola, Michael L	University of Detroit	54,424
1R03DE06933-01	Nichols, William K	University of Iowa	178,319
1R01DE06943-01	Luschei, Erich S	University of Iowa	107,674
1R01DE06946-01	Laskin, Daniel M	Virginia Commonwealth University	95,014
1R01DE06955-01	Murphy, Richard A	Harvard University	21,238
1R01DE06957-01	Warren, Donald M	University of North Carolina Chapel Hill	42,813
1R03DE06968-01	Williams, William N	University of Florida	7,500
1R23DE06982-01	Hinton, Robert J	Baylor College of Dentistry	107,458
1R03DE06995-01	Veis, Arthur	Gordon Research Conferences	10,044
1R01DE07011-01	Moore, Paul A	Forsyth Dental Center	11,377
1R03DE07012-01	Moore, Paul A	Forsyth Dental Center	13,123
1R03DE07019-01	Hamlet, Sandra L M	University of Maryland College Pk Campus	46,545
1R03DE07042-01	Mc Callum, Debra	University of Alabama in Birmingham	54,616
7R23DE07107-01	Reddy, Chada S	University of Missouri Columbia	33,840
1R23DE07113-01	Baker, Richard L	Emory University	86,235
7R01DE07120-01	Shur, Barry D	University of Texas System Cancer Center	
7R01DE07133-01	Marfurt, Carl F	Indiana Univ-Purdue Univ at Indianapolis	

*Active without FY84 funds.
*Prior Year Award Obligations.

TABLE 68.-- LIST OF RESEARCH GRANTS, BY GRANT NUMBER, FY 1984

Craniofacial Anomalies & Pain Contr.			
Type of Application and Grant Number	Principal Investigator	Institution	Funds Awarded
7R23DE07268-01	Niederman, Richard	Forsyth Dental Center	25,098
1R13DE32565-01A1	Butler, William T	University of Alabama in Birmingham	5,000
1R13DE33432-01	Kuettner, Klaus E	University of Rhode Island	5,000
1R13DE38442-01	Fields, Howard L	International Assoc/Machinists/Aerospace Active Grants	Total for FY 1984 \$ 14,976,943 223

*Active without FY84 funds.
*Prior Year Award Obligations.

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Institution	Division	Investigator	Contract Number	Awarded
Alabama, University of	School of Dentistry	Michalek, Suzanne M	N01DE02426-05	15,998
Alabama, University of	School of Dentistry	Michalek, Suzanne M	N01DE42551-00	170,530
Alabama, University of	School of Dentistry	Caulfield, Page W	N01DE42552-00	242,100
Alabama, Dental Association Health Found	School of Dentistry	Gift, Helen C	N01DE02428-05	23,055
American Dental Center	Dental and Related Organization	Curzon, M. Dennis H	N01DE12435-06	103,691
Eastman Dental Center	Dental and Related Organization	Leverett, Dennis H	N01DE32441-03	103,691
Eastman Dental Center	Advanced Education Institution	Dogon, I Leon	N01DE22439-04	224,933
Eastman Dental Center	Advanced Education Institution	Dalgaard, Dan W	N01DE22439-04	244,869
Forsyth Dental Center	Advanced Education Institution	Moffa, Joseph P	N01DE20001-00	77,919
Hazleton Laboratories America, Inc.	Industry	Gard, Elizabeth A M	N01DE72405-09	6,406
Indian Health Service, HSA, DHHS	Governmental Organization	Davidson, William A	N01DE32444-01	0*
Litton Bionetics, Inc	Industry of Dentistry	Eklund, Stephen A	N01DE32443-00	0*
Maryland, University of	School of Public Health	Burt, Brian A	N01DE22438-05	302,213
Michigan, University of	School of Dentistry	Yankell, Samuel L	N01DE12453-04	24,522
Michigan, University of	School of Dentistry	Ripa, Louis M	N01DE12451-04	82,073
Minnesota, University of	School of Dentistry	Ripa, Louis M	N01DE32400-04	96,085
Pennsylvania, University of	School of Dentistry	Moffa, Joseph P	Y01DE40001-00	0*
State University of New York at Buffalo	Governmental Organization	Moffa, Joseph P	Y01DE20003-03	496,889
State University of New York Stony Brook	Governmental Organization	Task, John A	Y01DE50001-01	0*
State University of New York and Dev. Comm	Governmental Organization	Moffa, Joseph P	Y01DE10006-00	1,499,500
U.S. Army Medical Research and Dev. Comm	Governmental Organization	Mckenna, Thomas W	N01DE25553-00	3,610,820
U.S. Letterman Army Institute of Research	Governmental Organization		Total for FY86	\$ 22
U.S. National Bureau of Standards	Industry		Total	9,922
U.S. National Bureau of Standards	Industry		Active Contracts	22
Westat, Inc				

Active without FY84 funds.

TABLE 73.-- LIST OF RESEARCH CONTRACTS, BY CONTRACT NUMBER, FY 1984

Contract Number	Principal Investigator	Institution	Division	Amount Awarded
3N01DE02424-05	Gift, Helen C	American Dental Association Health Found	Dental and Related Organization	15,998
3N01DE02426-05	Michalek, Suzanne	Alabama, University of	School of Dentistry	0x
1Y01DE10004-00	Moffa, Joseph	U.S. PHS Hospital	Governmental Organization	244,869
3N01DE12430-09	Dalgard, Dan W	Hazleton Laboratory of New York at Buffalo	Industry	302,213
3N01DE12431-04	Ripa, Louis W	State University of	School of Dentistry	25,055
2N01DE12433-04	Bandt, Carl L	Minnesota, University of	Advanced Education Institution	77,037
3N01DE12434-06	Curzon, M.	Indian Health Service, HSA, DHHS	Governmental Organization	0x
2Y01DE20001-00	Moffa, Joseph P	Eastman Dental Center	School of Public Health	224,933
3Y01DE20003-03	Burt, Brian A	U.S. Letterman Army Institute of Research	Advanced Education Institution	496,889
3N01DE22438-05	Moffa, Joseph P	Michigan, University of	Governmental Organization	82,073
3Y01DE22439-04	Dagon, I Leon	Forsyth Dental Center	School of Dentistry	103,691
2Y01DE30001-01	Teak, John W	U.S. National Bureau of Standards	Advanced Education Institution	0x
3N01DE32400-04	Leverett, Dennis H	State University of New York Stony Brook	School of Public Health	6,406
3N01DE32441-03	Eklund, Stephen A	Eastman Dental Center	School of Dentistry	96,085
3N01DE32443-00	Davidson, William M	Michigan, University of	Governmental Organization	170,530
3N01DE32444-01	Moffa, Joseph P	U.S. Army Medical Research and Dev. Comm	School of Dentistry	242,100
1Y01DE40001-00	Michalek, Suzanne H	Alabama, University of	School of Dentistry	1,499,500
1N01DE42551-00	Caufield, Page W	Westat, Inc	Industry	24,522
1N01DE42552-00	McKenna, Thomas H	Alabama, University of	School of Dentistry	919
1N01DE42553-00	Yankell, Samuel L	Pennsylvania, University of	Industry	0x
5N01DE52484-11	Gard, Elizabeth A	Litton Bionetics, Inc	School of Dentistry	0x
3N01DE7405-09			Total for FY84	\$3,610,820
			Active Contracts	22

xActive Without FY84 Funds.

TABLE 74.-- LIST OF INTRAMURAL RESEARCH PROJECTS, BY
NAME OF PRINCIPAL INVESTIGATOR, FY 1984

D009

Principal Investigator	Project Number	Funds	Principal Investigator	Project Number	Funds
Baum, Bruce J.	Z01DE00336-03	256,671	Li, Shou-Hua	Z01DE00364-02	13,378
Bennett, Gary J.	Z01DE00287-07	168,953	Li, Shou-Hua	Z01DE00350-03	53,521
Brennan, Michael J.	Z01DE00385-01	66,826	Little, Jack P.	Z01DE00371-02	22,255
Brown, Frederick J.	Z01DE00031-16	83,436	Maijner, William	Z01DE00022-18	254,590
Brown, Kenneth S.	Z01DE00024-18	226,920	Martin, George R.	Z01DE00329-03	131,717
Brown, Kenneth S.	Z01DE00295-05	68,784	Martin, George R.	Z01DE00009-23	257,298
Brunelle, Janet Ann	Z01DE00043-14	216,915	Max, Mitchell B. I.	Z01DE00275-06	23,213
Chassy, Bruce M.	Z01DE00049-13	129,596	Medniaks, Malja	Z01DE00361-02	15,035
Chassy, Bruce M.	Z01DE00381-01	96,270	Meyer, John B.	Z01DE00366-02	59,034
Chung, Soo Il	Z01DE00254-07	174,583	Mirth, Dale B.	Z01DE00285-05	138,908
Cisner, John D.	Z01DE00384-01	126,808	Mirth, Dale B.	Z01DE00282-05	97,053
Cole, Michael F.	Z01DE00391-01	48,308	Mirth, Dale B.	Z01DE00281-05	59,362
Curtis, Michael A.	Z01DE00286-05	52,831	Oliver, Constance	Z01DE00199-08	268,916
Dionne, Raymond A.	Z01DE00132-10	86,211	Oliveras, Jean-Louis	Z01DE00291-05	179,052
Donahue, Agnes H.	Z01DE00320-04	5,403	Pluznik, Dov H.	Z01DE00374-02	183,748
Donkersloot, Jacob A.	Z01DE00043-14	147,380	Prabhakar, Bellur S.	Z01DE00303-04	876,303
Dubner, Ronald	Z01DE00312-04	54,832	Puga-Carrasco, Alvaro	Z01DE00123-11	559,811
Eanes, Edward D.	Z01DE00088-11	199,478	Reddi, A. Haridra	Z01DE00204-07	292,639
Field, Ruth B.	Z01DE00074-12	77,739	Roberts, Michael M.	Z01DE00373-02	103,234
Fisher, Larry M.	Z01DE00001-32	201,265	Roberts, Michael M.	Z01DE00359-02	124,193
Folk, John E.	Z01DE00011-04	98,898	Roberts, Michael M.	Z01DE00332-03	8,365
Folk, John E.	Z01DE00012-22	15,239	Roberts, Michael M.	Z01DE00362-02	165,524
Folk, John E.	Z01DE00331-03	72,055	Robey, Pamela G.	Z01DE00380-01	85,690
Folk, John E.	Z01DE00331-03	148,474	Robish, Stanley A.	Z01DE00382-01	108,891
Folk, John E.	Z01DE00020-19	107,116	Ruda, Maryann T.	Z01DE00288-05	39,930
Folk, John E.	Z01DE00276-06	89,799	Ruff, Michael F.	Z01DE00061-11	128,409
Folk, John E.	Z01DE00313-04	3,535	Sandberg, Ann L.	Z01DE00006-24	118,300
Gabel, Stephen	Z01DE00133-10	99,018	Schiffmann, Elliott	Z01DE00378-01	74,844
Gracely, Richard H.	Z01DE00031-03	134,106	Sharav, Yair	Z01DE00246-07	102,620
Gracely, Richard H.	Z01DE00028-17	269,586	Sharav, Yair	Z01DE00112-11	47,619
Gracely, Richard H.	Z01DE00134-10	354,664	Shern, Roald J.	Z01DE00319-04	51,432
Grotendorst, Gary R.	Z01DE00149-10	381,145	Shern, Roald J.	Z01DE00234-07	211,231
Hand, Arthur R. C.	Z01DE00038-03	85,090	Shern, Roald J.	Z01DE00034-16	158,707
Hassell, John R.	Z01DE00070-12	162,529	Siraganian, Reuben P.	Z01DE00290-05	36,756
Hoffeld, J. Terrell	Z01DE00310-04	116,686	Siraganian, Reuben P.	Z01DE00389-01	97,550
Horowitz, Herschel S.	Z01DE00277-05	28,001	Smith, Jacqueline I.	Z01DE00392-01	92,081
Horowitz, Herschel S.	Z01DE00353-01	48,303	Smith, Phillip D.	Z01DE00393-01	83,622
Horowitz, Herschel S.	Z01DE00371-01	59,355	Smith, Phillip D.	Z01DE00325-04	103,560
Kemp, Christopher M.	Z01DE00371-01	37,946	Stiles, Horace M.	Z01DE00365-02	79,722
Kenahalo, Daniel R.	Z01DE00328-04	18,973	Stiles, Horace M.	Z01DE00390-01	226,934
Kingman, Albert	Z01DE00388-01	89,950	Stiles, Horace M.	Z01DE00330-03	91,187
Kingman, Albert	Z01DE00387-01	1,896	Terranova, Victor P.	Z01DE00361-03	229,793
Kingman, Albert	Z01DE00353-03	28,461	Thompson, John	Z01DE00157-09	215,154
Kingman, Albert	Z01DE00358-02	323,244	Torchia, Dennis A.	Z01DE00253-07	192,794
Kingman, Albert	Z01DE00358-02	160,061	Warner, Hugh H.	Z01DE00216-08	251,789
Kingman, Albert	Z01DE00230-08	168,006	Wahl, Larry M.	Z01DE00046-13	
Kingman, Albert	Z01DE00273-06	84,023	Wahl, Sharon M.		
Kleinman, Hynda K.	Z01DE00316-04	217,766			
Kolenbrander, Paul E.	Z01DE00044-14				
Kousselman, Eleni E.					
Krakauer, Teresa					
Krichinsky, Micah I.					

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TABLE 75.-- LIST OF INTRAMURAL RESEARCH PROJECTS, BY PROJECT NUMBER, FY 1984

B 149

Project Number	Principal Investigator	Funds	Project Number	Principal Investigator	Funds
Z01DE00001-32	Folk, John E.	98,898	Z01DE00281-05	Mirth, Dale B.	59,562
Z01DE00006-24	Schiffmann, Elliott	118,590	Z01DE00282-05	Mirth, Dale B.	97,853
Z01DE00007-24	Mittenberger, Charles L.	187,510	Z01DE00283-05	Madnick, Maja I.	138,988
Z01DE00009-23	Martin, George R.	257,298	Z01DE00286-05	Dionne, Raymond A.	52,831
Z01DE00012-22	Fowler, Bruce O.	72,035	Z01DE00288-05	Ruda, Maryann T.	108,891
Z01DE00020-19	Gabel, Stephen	107,116	Z01DE00290-05	Siraganian, Reuben P.	158,787
Z01DE00022-18	London, Jack P.	254,590	Z01DE00291-05	Oliveras, Jean-Louis	179,832
Z01DE00024-18	Brown, Kenneth S.	226,920	Z01DE00292-05	Brubaker, Janet Ann	68,784
Z01DE00028-17	Yasuda, Yoshihiko	506,900	Z01DE00309-04	Prabhakar, Bellur S.	876,305
Z01DE00028-17	Hand, Arthur R.	289,586	Z01DE00310-04	Horowitz, Herschel S.	116,686
Z01DE00031-16	Brown, Frederick J.	83,436	Z01DE00311-04	Folk, John E.	157,239
Z01DE00034-16	Siraganian, Reuben P.	211,231	Z01DE00312-04	Dubner, Ronald	54,832
Z01DE00042-14	Chassy, Bruce M.	216,915	Z01DE00313-04	Dubner, Ronald	5,535
Z01DE00043-14	Donkersloot, Jacob A.	217,766	Z01DE00316-04	Gracely, Teresa	84,823
Z01DE00044-14	Krichavsky, Micah I.	147,380	Z01DE00319-04	Krakauer, Teresa	47,619
Z01DE00046-13	Mahl, Sharon M.	251,789	Z01DE00320-04	Stern, Roald J. H.	5,483
Z01DE00049-13	Chung, Soo Il	129,396	Z01DE00322-04	Donahue, Agnes	37,946
Z01DE00061-11	Sandberg, Ann L.	128,609	Z01DE00324-04	Kingman, Albert	83,622
Z01DE00065-13	Hebber, Richard L.	183,535	Z01DE00325-04	Stiles, Morace M.	131,717
Z01DE00070-12	Horowitz, Herschel S.	142,529	Z01DE00329-03	Maixner, William	226,934
Z01DE00074-12	Fisher, Larry M.	201,265	Z01DE00330-03	Terranova, Victor P.	134,186
Z01DE00080-11	Yoon, Ji-Mon	627,878	Z01DE00331-03	Grotendorst, Gary R.	124,493
Z01DE00088-11	Eanes, Edward D.	199,678	Z01DE00332-03	Roberts, Michael M.	256,671
Z01DE00112-11	Stern, Roald J.	160,969	Z01DE00336-03	Baum, Bruce J.	148,674
Z01DE00123-11	Puga-Carrasco, Alvaro	559,811	Z01DE00337-03	Fox, Philip C.	85,890
Z01DE00132-10	Dionne, Raymond A.	86,211	Z01DE00341-03	Hoffeld, J. Terrell	91,187
Z01DE00133-10	Gracely, Richard H.	99,018	Z01DE00353-03	Thompson, John	1,896
Z01DE00134-10	Hascall, Vincent C.	334,664	Z01DE00354-03	Kingman, Albert	53,521
Z01DE00149-10	Hascall, John R.	381,145	Z01DE00358-02	Li, Shou-Hua	28,441
Z01DE00157-09	Torchia, Dennis A.	259,793	Z01DE00359-02	Roberts, Michael M.	10,446
Z01DE00162-08	Meyer, John L.	435,680	Z01DE00361-02	Martin, Sue E.	15,835
Z01DE00199-08	Oliver, Constance	260,914	Z01DE00362-02	Roberts, Michael M.	8,565
Z01DE00204-07	Reddi, A. Haridara	292,639	Z01DE00364-02	Li, Shou-Hua	13,378
Z01DE00211-08	Hebber, Richard L.	162,256	Z01DE00365-02	Stiles, Morace M.	103,588
Z01DE00212-08	Heiffenbach, James M.	57,300	Z01DE00366-02	Max, Mitchell B.	59,834
Z01DE00216-08	Mahl, Larry M.	192,794	Z01DE00371-02	Little, Wayne A.	22,255
Z01DE00223-07	Wolfe, Robert O.	99,525	Z01DE00372-02	Kousvelari, Eleni E.	168,486
Z01DE00235-07	Kleinman, Hynda K.	323,244	Z01DE00373-02	Roberts, David	183,748
Z01DE00247-07	Sherr, Roald J.	57,432	Z01DE00374-02	Pluznik, Dov H.	77,739
Z01DE00250-07	Bonnett, Gary J.	102,620	Z01DE00376-01	Field, Ruth B.	59,555
Z01DE00253-07	Walczak, Cynthia A.	168,953	Z01DE00377-01	Kenshalo, Daniel R.	59,555
Z01DE00254-07	Varnar, Hugh H.	307,827	Z01DE00378-01	Sharav, Yair	74,844
Z01DE00273-06	Cislar, John O.	215,154	Z01DE00379-01	Young, Marian F.	125,887
Z01DE00275-06	Kolenbrander, Paul E.	174,583	Z01DE00380-01	Robey, Pamela G.	165,524
Z01DE00276-06	Gracely, Richard H.	160,081	Z01DE00381-01	Clardi, Joseph E.	96,270
Z01DE00277-05	Horowitz, Herschel S.	23,233	Z01DE00382-01	Robrish, Stanley A.	85,698
		89,799	Z01DE00383-01	Kemp, Christopher M.	48,388
		38,001	Z01DE00384-01	Cole, Michael F.	126,888

TABLE 75.-- LIST OF INTRAMURAL RESEARCH PROJECTS, BY
PROJECT NUMBER, FY 1984

B149

Project Number	Principal Investigator	Funds	Project Number	Principal Investigator	Funds
Z01DE00385-01	Brennan, Michael J.	66,826	Z01DE00390-01	Stiles, Horace M.	79,722
Z01DE00386-01	Ruff, Michael F.	39,930	Z01DE00391-01	Curtis, Michael A.	48,108
Z01DE00387-01	Kingman, Albert	89,950	Z01DE00392-01	Smith, Phillip D.	97,350
Z01DE00388-01	Kingman, Albert	18,973	Z01DE00393-01	Smith, Phillip D.	92,081
Z01DE00389-01	Smith, Jacqueline I.	36,756			
	Investigators	Total \$15,223,846		105 Projects	

TABLE 76.-- LIST OF GRADUATE TRAINING GRANTS, BY GRANT NUMBER, FY 1984

D010

Type of Application and Grant Number	Program Director	Institution	Division	Amount Awarded
5132DE07006-10	Slavkin, Harold C	University of Southern California	School of Dentistry	156,711
5132DE07008-09	Moorens, Coenraad F	Harvard University	School of Dentistry	187,048
5132DE07010-10	Williams, Ray C	Harvard University	School of Dentistry	208,767
5132DE07014-10	Messer, Louise J	University of Minnesota of Mpls-St Paul	School of Dentistry	9,976
5132DE07020-10	Menaker, Louis	University of Alabama in Birmingham	School of Dentistry	66,963
5132DE07023-10	Keller, Patricia J	University of Washington	School of Dentistry	34,646
5132DE07026-08	Retier, Daniel H	University of Alabama in Birmingham	School of Dentistry	148,879
5132DE07031-10	Suttie, John W	University of Wisconsin Madison	School of Agriculture	39,836
5132DE07034-10	Genco, Robert J	State University of New York at Buffalo	School of Dentistry	166,562
5132DE07042-09	Greener, Evan H	Northwestern University	School of Dentistry	91,711
5132DE07043-08	Bixler, David	Indiana Univ-Purdue Univ at Indianapolis	School of Dentistry	86,662
5132DE07047-08	Weinstein, Sam	University of Connecticut Health Center	School of Dentistry	144,623
5132DE07053-09	Hochman, Robert F	Georgia Institute of Technology	Engineering or Technical Inst.	88,992
5132DE07054-09	Katz, J Lawrence	Rensselaer Polytechnic Institute	Engineering or Technical Inst.	57,838
5132DE07057-09	Craig, Robert G	University of Michigan at Ann Arbor	School of Dentistry	50,834
5132DE07061-07	Polson, Alan M	Eastman Dental Center	Advanced Education Institution	120,230
5132DE07063-09	Page, Roy C	University of Washington	School of Dentistry	84,682
5132DE07076-05	Rimoin, David L	Los Angeles County Harbor-Ucla Med Ctr	University Hospital	184,602
5132DE07085-05	Nowotny, Alois H	University of Pennsylvania	School of Dentistry	118,522
5132DE07089-05	Mohl, Norman D	State University of New York at Buffalo	School of Dentistry	135,654
5132DE07090-05	Trummel, Clarence L	University of Connecticut Health Center	Advanced Education Institution	6,003
5135DE07096-05	Mc Hugh, William D	Eastman Dental Center	School of Dentistry	14,671
5135DE07098-05	Singer, Leon	University of Minnesota of Mpls-St Paul	School of Dentistry	5,835
5135DE07100-05	Jarfcost, Marjorie K	Harvard University	School of Dentistry	16,505
5135DE07101-05	Avery, James K	University of Michigan at Ann Arbor	School of Dentistry	11,003
5135DE07102-05	Phillips, Ceib L	University of North Carolina Chapel Hill	School of Dentistry	11,003
5135DE07103-05	Neubrun, Ernest	University of California San Francisco	School of Dentistry	16,671
5135DE07104-05	Green, Daniel B	University of Louisville	School of Dentistry	11,003
5135DE07105-05	Mc Call, Willard D, Jr	State University of New York at Buffalo	School of Dentistry	14,671
5135DE07110-05	Offenbacher, Steven	Emory University	School of Dentistry	14,171
5135DE07114-05	Eisenmann, Dale R	University of Illinois at Chicago	School of Dentistry	191,959
5135DE07117-04	Shklar, Gerald	Harvard University	School of Dentistry	7,335
5135DE07119-04	Reed, Michael J	University of Mississippi Medical Center	School of Dentistry	11,671
5135DE07121-04	Lanster, Ira B	Fairleigh Dickinson University Teaneck	School of Dentistry	16,671
5135DE07125-04	Stokey, George K	Indiana Univ-Purdue Univ at Indianapolis	School of Dentistry	22,006
5135DE07126-04	Brightman, Vernon J	University of Pennsylvania	School of Dentistry	106,180
5132DE07131-03	Rodan, Gideon A	University of Connecticut Health Center	School of Dentistry	48,449
5132DE07132-03	Weinstein, Philip	University of Washington	School of Dentistry	92,370
5132DE07133-03	Melamed, Barbara G	University of Florida	School of Dentistry	16,671
5135DE07136-03	Rossomando, Edward F	University of Connecticut Health Center	School of Dentistry	126,298
5132DE07138-02	Winick, Myron	Columbia University	School of Dentistry	15,298
5135DE07143-02	Dirksen, Thomas R	Medical College of Georgia	School of Dentistry	22,006
5135DE07150-01	Page, Roy C	University of Washington	School of Dentistry	22,006
Total for FY84 \$				3,036,000
Active Grants				43

--Active without FY84 funds.

TABLE 78.-- LIST OF FELLOWSHIP AWARDS, BY NAME OF FELLOW, FY 1984

D012

Fellow	Type of Application	Institution	Division
Anderson, Harrison C	1F32DE053395-01	Yale University	School of Medicine
xBabu, Jegdish P	5F32DE053329-02	University of Alabama in Birmingham	School of Dentistry
Barrett, John F	5F32DE053368-02	University of Connecticut Health Center	School of Dentistry
Beeman, Cynthia A	5F32DE053333-02	University of Chicago	Basic Health Sciences
Benis, William E	5F32DE053352-02	University of Connecticut Health Center	School of Dentistry
Benedict, Christine V	5F32DE053357-02	University of Texas Mth Sci Ctr Dallas	School of Medicine
xBoyd, Scott B	5F32DE053317-02	University of Toronto	School of Dentistry
xBrown, James G	1F32DE053392-01X1	University of Michigan at Ann Arbor	School of Medicine
xBryan, Fred A	5F32DE053309-03	University of Rochester	Advanced Education Institution
Campbell, John, III	5F32DE053328-03	U.S. National Institutes of Hlth	Governmental Organization
Campbell, Marietta A	5F32DE053363-02	U.S. National Institutes of Hlth	Governmental Organization
Carson, Patricia A	1F32DE05407-01	Harvard University	School of Dentistry
Colin, Wayne	1F32DE053305-03	University of Alabama in Birmingham	School of Dentistry
Dean, Duane H	5F32DE053396-01	University of Michigan at Ann Arbor	School of Dentistry
xDelaney, Jayne E	5F32DE05271-03	University of Connecticut Health Center	School of Dentistry
xDenbust, Pamela K	5F32DE053331-02	University of North Carolina Chapel Hill	Graduate School
Dronamraju, Krishna R	3F32DE053313-03S1	University of Pennsylvania	School of Dentistry
Eifert, Robin L	5F32DE053289-02S2	University of Alabama in Birmingham	School of Dentistry
Finkelstein, Richard D	5F32DE05372-02	University of Washington	School of Dentistry
Fiset, Louis O	1F32DE05400-01	Harvard University	School of Dentistry
Fitchett, James E, Jr	5F32DE05349-02	University of Washington	School of Dentistry
Gellert, Elizabeth	1F32DE05398-01	University of Alabama in Birmingham	School of Medicine
Gregory, Richard L	3F32DE05328-02S1	University of Iowa	School of Dentistry
Hardin, Mary A	5F32DE05358-02	U.S. National Institutes of Hlth	Governmental Organization
Hargreaves, Kenneth M	1F32DE05382-01	U.S. National Institutes of Hlth	School of Medicine
Hartley, Donna L	5F32DE05379-02	U.S. National Institutes of Hlth	School of Dentistry
Hartman, Laurie C	1F32DE05394-01	Virginia Commonwealth University	School of Dentistry
Hicks, Geraldine E	1F32DE05383-01	State University of New York at Buffalo	School of Dentistry
Holmes, Douglas E	5F32DE05315-03	University of North Carolina Chapel Hill	School of Dentistry
Horton, Walter E	5F32DE05347-02	University of North Carolina Chapel Hill	Governmental Organization
Hylden, Janice L	3F32DE05381-01S4	U.S. National Institutes of Hlth	Governmental Organization
Inamine, Julie M	3F32DE05375-01S2	U.S. National Institutes of Hlth	Governmental Organization
Jefferson, Kathy L	5F32DE05346-02	U.S. National Institutes of Hlth	Governmental Organization
Kapur, Shakti P	1F34DE09870-01	University of North Carolina Chapel Hill	School of Medicine
xBarnell, Michael P	3F32DE05390-01S2	U.S. National Institutes of Hlth	Governmental Organization
Kay, George W	1F32DE05325-01	Harvard University	School of Medicine
Kitten, Gregory T	3F32DE05355-01S1	U.S. National Institutes of Hlth	School of Dentistry
xBoda, Joy E	3F32DE05384-01S1	Stanford University (Boston)	Governmental Organization
Lee, Dosuk Duke	5F32DE05273-02	Children's Hospital	School of Medicine
Lundy, Mark M	1F32DE05364-01A1	Loma Linda University	School of Medicine
Melvin, James E	1F32DE05415-01	University of Rochester	Advanced Education Institution
Miletic, Vjekoslav	1F32DE05387-01	U.S. National Institutes of Hlth	Governmental Organization
Nasbitt, Warren E	3F32DE05288-03S3	University of Alabama in Birmingham	School of Dentistry
Paster, Bruce J	5F32DE05370-02	Forsyth Dental Center	Advanced Education Institution
Pierce, Calvin J	1F32DE05393-01	State University of New York at Buffalo	School of Dentistry
xBovolny, Brian T	2F32DE05344-03	University of Washington	School of Dentistry
	1F32DE05330-01		

*Active without FY84 funds.

TABLE 78. -- LIST OF FELLOWSHIP AWARDS, BY NAME OF FELLOW, FY 1984

D012

Fellow	Type of Application & Award Number	Institution	Division
xPrince, Charles M	SF32DE05244-03	University of Alabama in Birmingham	School of Dentistry
xProsser, Frederick H	3F32DE05292-03S4	U.S. National Institutes of Hlth	Governmental Organization
Pucci, Michael J	SF32DE05571-02	Virginia Commonwealth University	School of Dentistry
Rekow, E Dianne	SF32DE05577-02	University of Minnesota of Mpls-St Paul	Engineering or Technical Inst.
Seifert, Mark F	SF32DE05561-02	University of Massachusetts Medical Sch	School of Medicine
xShahed, Asha R	SF32DE05525-02	Indiana Univ-Purdue Univ at Indianapolis	School of Dentistry
xShaughnessy, Timothy G	1F32DE05391-01	University of North Carolina Chapel Hill	School of Medicine
Teaford, Mark F	SF32DE05312-03	Johns Hopkins University	School of Dentistry
xThomas, Paul M	SF32DE05316-02	University of North Carolina Chapel Hill	School of Medicine
xTreasure, Patrick E	SF32DE05567-03	University of Washington	School of Dentistry
Turner, John T	2F32DE05539-03	University of Missouri Columbia	School of Medicine
Hang, Hsu-Ying	SF32DE05373-02	Harvard University	School of Dentistry
xWhitaker, Eugene J	1F32DE05542-01	University of Pennsylvania	School of Dentistry
Young, Marian F	3F32DE05562-01S2	U.S. National Institutes of Hlth	Governmental Organization
			Total for FY84 \$ 815,000
			Active Fellowships 61

xActive without FY84 funds.

TABLE 80.--- LIST OF RESEARCH CAREER PROGRAM AWARDS, BY NAME OF AWARD, FY 1984

Awardee	Type of Application & Serial Number	Institution	Division
Anusavice, Kenneth J	SK04DE00125-05	University of Florida	School of Dentistry
Brinkley, Linda L	SK04DE00104-04	University of Michigan at Ann Arbor	School of Medicine
Byers, Margaret R	SK04DE00099-04	University of Washington	School of Medicine
Carlson, David S	SK04DE00109-03	University of Michigan at Ann Arbor	School of Dentistry
Clark, William B	SK04DE00115-03	University of Florida	Advanced Education Institution
Ebersole, Jeffrey L	SK04DE00075-05	Forayth Dental Center	School of Dentistry
Einspahr, Howard M	SK04DE00106-04	University of Alabama in Birmingham	School of Arts and Sciences
Erickson, Carol A	SK04DE00122-02	University of California Davis	School of Dentistry
Garcia, Raul I	1K11DE00134-01	Harvard University	School of Medicine
Greene, Robert M	SK04DE00095-04	Thomas Jefferson University	School of Dentistry
Gunsolley, John C	1K11DE00130-01	Virginia Commonwealth University	School of Dentistry
Hairfield, William Michael	1K11DE00129-01	University of North Carolina Chapel Hill	School of Dentistry
Hassell, Thomas M	SK04DE00123-05	University of Maryland at Baltimore	School of Dentistry
Hirsch, Harold Z	1K11DE00136-01	University of Alabama in Birmingham	School of Dentistry
Kim, Syngcuk	SK04DE00121-02	Columbia University	School of Dentistry
Lauffenburger, Douglas A	1K04DE00143-01	University of Pennsylvania	Engineering or Technical Inst.
Marsh, Mary E	SK04DE00078-05	Rice University	School of Arts and Sciences
McNiel, Michael	SK04DE00083-05	University of Southern California	School of Dentistry
Michalek, Suzanne M	SK04DE00092-05	University of Alabama in Birmingham	School of Medicine
Murray, Byron K	SK04DE00079-05	Virginia Commonwealth University	School of Dentistry
Ralsine, Susan T	SK04DE00100-04	University of Connecticut Health Center	School of Arts and Sciences
Reusch, Victor M, Jr	SK04DE00087-05	University of Denver	School of Dentistry
Sekens, Sudha S	1K04DE00126-01	Indiana Univ-Purdue Univ at Indianapolis	School of Dentistry
Schenkman, Harvey A	SK04DE00108-03	Virginia Commonwealth University	School of Dentistry
Shillito, James H	SK06DE22634-20	Harvard University	School of Dentistry
Shillito, Edward J	SK04DE00135-05	University of Texas Hlth Sci Ctr Houston	School of Dentistry
Tabak, Lawrence A	1K04DE00132-01	State University of New York at Buffalo	School of Dentistry
Total for FY84 \$			964,561
Active Career Awards			27

Inactive without FY84 funds.

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